SUPPLEMENT TO THE IRON AGE, FEBRUARY 22, 1900.

The Consolidations in the Iron and Allied Trades.

DAVID WILLIAMS CO.
232-238 William Street,
NEW YORK.

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Alabama Consolidated Coal & Iron Company.

Title:

Alabama Consolidated Coal & Iron Company.

Date of Organization:

July 19, 1899.

Capital Stock Authorized:

Preferred (7 per cent. cumulative).....$2,500,000
Common (par, $100).....$2,500,000

Capital Stock Issued:

Preferred $2,500,000
Common $2,500,000

Bonded Indebtedness:

None.

Dividends Paid and Dates Thereof:

ON PREFERRED STOCK.

No. 1, November 1, 1899, 1¾ per cent.
No. 2, February 1, 1900, 1¾ per cent.

Registrar:

Mercantile Trust Company, New York City.

Transfer Agents:

At office of company, 27 William street, New York City.

Properties and Plants Owned:

Clifton Iron Company, two blast furnaces at Ironton, Ala.; 2500 acres mineral lands, 28,965 acres other lands, containing valuable deposits, lime rock, &c., together with buildings for employees.

Gadsden Furnace and ore property, one furnace at Gadsden, Ala., 730 acres ore lands.

Mary Pratt Furnace property, one blast furnace at Birmingham, Ala., 33 acres ore lands, &c.

Gate City ore property, 1800 acres ore lands near Gate City, Ala., and about 6 miles from Birmingham.

Standard Coal Company, Tuscaloosa County, Ala., 32,211 acres, 24,000 acres of which contain seams of high grade coal.

Improvements Under Way:

New mine openings.
350 new coke ovens.

Headquarters:

27 William street, New York City.

Directors:

Abram S. Hewitt, New York.
John E. Searles, New York.
Samuel Thomas, New York.
J. W. Middendorf, Baltimore, Md.
R. H. Edmonds, Baltimore, Md.
Douglas H. Gordon, Baltimore, Md.
John Skelton Williams, Richmond, Va.
T. G. Bush, Birmingham, Ala.
F. M. Jackson, Birmingham, Ala.

Executive Officers:

T. G. Bush, president, Birmingham, Ala.
Jno. E. Searles, vice-president, New York City.
F. M. Jackson, general manager, Birmingham, Ala.

Sales Agents:

Matthew Addy & Co., Cincinnati and St. Louis.

American Bicycle Company.

Title:

American Bicycle Company.

Date of Organization:

July, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $10,000,000
Common (par, $100)..... $20,000,000

Bonded Indebtedness:

$10,000,000 5 per cent. gold debentures, due September 1, 1919, but redeemable at the rate of $250,000 per annum.

Registrar:

United States Mortgage & Trust Company.

Transfer Agents:

Baring, Magoun & Co.

Properties and Plants Owned:

Ames & Frost Company, Chicago.
Acme Mfg. Company, Reading, Pa.
Barnes Cycle Company, Syracuse.
Black Mfg. Company, Erie, Pa.
Buffalo Cycle Mfg. Company, Buffalo.
H. A. Christy & Co., New York City (including plants at Paris, France, and Walkersville, Canada).
Crawford Mfg. Company, Hagerstown, Md.
Colton Cycle Company, Toledo, Ohio.
Columbus Bicycle Company, Columbus, Ohio.
Cleveland Machine Screw Company, Cleveland, Ohio (steel ball and stamping department).
A. Featherstone & Co., Chicago.
Fay Mfg. Company, Elyria, Ohio.
Gormully & Jeffery Company, Chicago.
Geneva Cycle Company, Geneva, Ohio.
Hartford Cycle Company, Hartford, Conn.
Hart & Cooley Mfg. Company, Chicago, Ill.
Indiana Bicycle Company, Indianapolis.
Indiana Novelty Mfg. Company, Plymouth, Ind.
Indianapolis Chain & Stamping Company, Indianapolis.
H. A. Lozier & Co., Cleveland, Ohio (including plants at Toledo, Thompsonville and Westfield, Ohio).
Lamb Mfg. Company, Chicopee Falls, Mass.
A. D. Meiselbach, Milwaukee, Wis.
Monarch Cycle Mfg. Company, Chicago.
Milwaukee Engineering Company, Milwaukee.

Milwaukee Mfg. Company, Milwaukee.
Nuttall Mfg. Company, Nyack, N. Y.
North Buffalo Wheel Company, Buffalo.
Pope Mfg. Company, Hartford.
Sterling Cycle Works, Kenosha, Wis.
Shelby Cycle Mfg. Company, Shelby, Ohio.
Stover Bicycle Company, Freeport, Ill.
C. J. Smith & Sons Company, Milwaukee.
E. C. Stearns & Co., Syracuse, N. Y. (including plant at Toronto, Ont.).
Syracuse Cycle Company, Syracuse, N. Y.
G. L. Thompson Mfg. Company, Chicago.
Western Wheel Works, Chicago.
White Sewing Machine Company. Cleveland, Ohio (bicycle and pedal departments).

Products:

Bicycles: Stormer, Pennant, Mars, Imperial, Barnes, Tribune, Envoy, Fleetwing, Columbus, Royal Flush, Oregon, Crawford, Our Little Ones, Fay, Williams, Featherstone, Geneva, Clipper, Rambler, Waverly, Ivanhoe, Spalding, Cleveland, Famous, Carnival, Earl, Meiselbach, Monarch, Defiance, Kings, Queens, Nyack, Niagara, Columbia, Hartford, Vedettes, Crescent, Sterling, Ideal, Stearns, Syracuse, Phœnix.
Automobiles.
Bicycle parts.
Bicycle equipments, etc.

Headquarters:

Park Row Building, New York.

Directors:

A. G. Spalding, Seabright, N. J.
Col. A. A. Pope, Boston, Mass. (chairman).
R. P. Gormully, Chicago, Ill.
R. L. Coleman, New York, N. Y.
E. C. Stearns, Syracuse, N. Y.
J. W. Kiser, Chicago, Ill.
C. L. Ames, Chicago, Ill.
H. A. Lozier, Cleveland, Ohio.
R. S. Crawford, Hagerstown, Md.
Geo. Pope, New York.
Wm. Barbour.
A. F. Featherstone, Chicago, Ill.
G. W. Young, New York, N. Y.
G. M. Lane, Boston, Mass.
G. F. Crane, New York, N. Y.

Executive Officers:

R. L. Coleman, president.
Geo. Pope, vice-president.
J. E. Bromley, second vice-president.
Theo. F. Merseles, third vice-president.
A. L. Garford, treasurer.
C. W. Dickerson, secretary.
W. T. Simpson, auditor.

Managers of Plants:

Ball and pedal factory, Cleveland, Ohio; W. L. Colt.
Buffalo factory, Buffalo, N. Y.; F. C. Atherton.
Chain factory, Indianapolis, Ind.; L. M. Wainwright.
Columbus factory, Columbus, Ohio; S. L. Quinn.
Columbia factory, Hartford, Conn.; A. L. Pope.
Crawford factory, Hagerstown, Md.; E. W. Mealy.
Crescent factory, Chicago, Ill.; Otto Unzicker.
Fay factory, Elyria, Ohio; S. S. Rockwood.
Featherstone factory, Chicago, Ill.; W. D. Gould.
Freeport factory, Freeport, Ill.; J. F. Smith.
Geneva factory, Geneva, Ohio; J. A. Carter.
Monarch factory, Chicago; J. W. Kiser.
Imperial factory, Chicago, Ill.; F. L. Bryant.
No. Buffalo factory, No. Buffalo, N. Y.; J. P. Devine.
Nyack factory, Nyack, N. Y.; John Nuttall.
Plymouth factory, Plymouth Ind.; George H. Thayer, G. W. Marble.
Rambler factory, Chicago, Ill.; Thos. B. Jeffery.
Reading factory, Reading, Pa.; J. C. Reber.
Shelby factory, Shelby, Ohio; A. W. Gump.
Smith parts factory, Milwaukee, Wis.; A. O. Smith.
Steel factory, Chicago, Ill.; H. S. Hart.
Sterling factory, Kenosha, Wis.; F. W. Barnes.
Syracuse factory, Syracuse, N. Y.; E. C. Stearns.
Thompson parts factory, Chicago, Ill.; G. L. Thompson.
Thompsonville factory, Thompsonville, Conn.; C. P. Ball.
Toledo factory, Toledo, Ohio; G. W. Burwell.
Tribune factory, Erie, Pa.; G. I. Black.
Waverly factory, Indianapolis, Ind.; C. F. Smith.
Westfield factory, Westfield, Mass.; C. J. Moore.

Branch Houses:

Pope Sales Department,
12 Warren street, New York City.
Lozier Sales Department,
337 Broadway, New York City.
Spalding Sales Department,
83 Chambers street, New York City.
Monarch Sales Department,
20 Warren street, New York City.
Featherstone Sales Department,
48 Warren street, New York City.
Gormully & Jeffery,
941 Eighth avenue, New York City.
Western Wheel Sales Department,
30 Warren street, New York City.
E. C. Stearns & Co.,
San Francisco, California.
Tinkham Cycle Company, New York City.
Monarch factory,
122 Dearborn street, Chicago, Ill.
67 Ashland avenue, Chicago, Ill.
Pope Mfg. Company (Columbia factory),
223 Columbus avenue, Boston, Mass.
609 Main street, Buffalo, N. Y.
105 Wabash avenue, Chicago, Ill.
134 Sixth street, Portland, Ore.
15 Snow street, Providence, R. I.
Cano Cycle Company, Denver, Col.
344 Post street, San Francisco, Cal.
817 Fourteenth street, N. W., Washington, D. C.
Crescent factory,
Cor. Ninth and H streets, N. W., Washington, D. C.
653 North Clark street, Chicago, Ill.
103 Hatton Garden, London, England.
38 Peachtree street, Atlanta, Ga.
American Saddle Company,
24 and 26 Rue Cauchy, Paris, France.
Tribune factory,
806 State street, Erie, Pa.
Rambler factory,
174 Columbus avenue, Boston, Mass.
1325 Fourteenth street, N. W., Washington, D. C.
147 Farringdon Road, London, E. C.
Woodward avenue, Detroit, Mich.
509 Main street, Buffalo, N. Y.
Dearborn street, Chicago, Ill.
Flatbush avenue, Brooklyn, N. Y.
246 Erie street, Cleveland, Ohio.
516 Main street, Cincinnati, Ohio.
Waverly factory,
Boston, Mass.
H. A. Lozier & Co.,
830 Arch street, Philadelphia, Pa.
307 Wabash avenue, Chicago, Ill.
Toledo, Ohio.
615 Main street, Buffalo, N. Y.
244 Griswold street, Detroit, Mich.
304 McAllister street, San Francisco.
24 Orchard street, London, England.
6 Place de la Madeleine, Paris, France.
Hamburg, Germany.
Cleveland, Ohio.

The American Car & Foundry Company.

Title:
The American Car & Foundry Company.

Date of Organization:
February 20, 1899, under laws of New Jersey.

Capital Stock Authorized:
Preferred (rate of interest, 7 per cent., non-cumulative) $30,000,000
Common (par, $100) $30,000,000

Capital Stock Issued:
Preferred $29,090,000
Common $29,090,000

Bonded Indebtedness:
None.

Financial Statement:
Net earnings for quarter ending August 31, 1899, $930,613; for quarter ending November 30, 1899, $1,127,985.

RESULTS OF OPERATIONS FOR FIRST NINE MONTHS.

Income.

For first quarter, ending May 31, 1899	$9,157,796
For second quarter, ending August 31, 1899	10,033,175
For third quarter, ending November 30, 1899	10,081,937
Total	$29,272,908
Deduct cost of materials used, operating expenses, &c., for the nine months above referred to	26,555,496
Net earnings for nine months	$2,717,412

Disposition.

Dividends on $29,090,000 preferred capital stock issued:		
No. 1, for first quarter, paid July 1, 1899	$509,075	
No. 2, for second quarter, paid November 1, 1899	509,075	
No. 3, for third quarter, paid February 1, 1900	509,075	$1,527,225
Surplus on December 1, 1899		$1,190,187

Dividends Paid to Date:
Three preferred dividends.

Registrar:
Central Trust Company, New York.

Transfer Agents:
Guaranty Trust Company, New York.

Properties and Plants Owned:
Michigan-Peninsular Car Company, Detroit, Mich.
Missouri Car & Foundry Company, St. Louis, Mo.
Jackson & Woodin Mfg. Company, Berwick, Pa.
Ohio Falls Car Mfg. Company, Jeffersonville, Ind.
Union Car Foundry Company, Depew, N. Y.
St. Charles Car Company, St. Charles, Mo.
The Wells & French Company, Chicago, Ill.
Terre Haute Car & Mfg. Company, Terre Haute, Ind.
Buffalo Car Mfg. Company, Buffalo, N. Y.
Niagara Car Wheel Company, Buffalo, N. Y.
Ensign Mfg. Company, Huntington, W. Va.
Pennock Brothers, Minerva, Ohio.
Murray, Dougal & Co., Milton, Pa.
Indiana Car & Foundry Company.

Additions and Improvements Under Way:
None of importance.

Products:
Freight cars.
Passenger cars.
Wheels.
Cast iron pipe.
Axles.
Bar iron.
Castings.

Annual Productive Capacity:
Passenger cars, 500.
Freight cars, 90,000.
Car wheels, 900,000.
Cast iron pipe, 30,000 tons.
Bar iron and axles, 90,000 tons.
Castings, 130,000 tons.

Headquarters:
St. Louis, Mo.

Executive Committee:
Wm. McMillan,
W. K. Bixby,
F. H. Eaton.

Executive Officers:
William McMillan, chairman of board, St. Louis.
W. K. Bixby, president, St. Louis.
Wm. McMillan, treasurer, St. Louis.
Frederick H. Eaton, first vice-president, New York.
W. J. McBride, general manager, St. Louis.
W. P. Coleman, second vice-president, New York.
Anthony Greff, secretary, New York.
S. S. De Lano, comptroller, St. Louis.
E. R. Hoadley, first assistant treasurer, St. Louis.
Wm. H. Hager, second assistant treasurer, New York.

Managers of Plants:
F. F. Bixby, St. Louis, Mo.
J. G. Lawler, St. Charles, Mo.
E. F. Carry, Chicago, Ill.
Geo. Hargreaves, Detroit, Mich.
J. D. Ingram, Jeffersonville, Ind.
Lewis J. Cox, Terre Haute, Ind.
W. H. Woodin, Berwick, Pa.
Robert S. Cox, Buffalo, N. Y.
E. Ensign, Huntington, W. Va.
C. H. Dickerman, Milton, Pa.
H. E. Frazier, Indianapolis, Ind.
G. A. Mitchell, Depew, N. Y.

Sales Agents:
From executive officers.

American Iron & Steel Mfg. Company.

Title:
American Iron & Steel Mfg. Company.

Date of Organization:
August 25, 1899, under laws of Pennsylvania.

Capital Stock Authorized:
Preferred, 60,000 shares at $50, 5 per cent., cumulative $3,000,000
Common (par, $50, 340,000 shares) 17,000,000

Capital Stock Issued:
Preferred 3,000,000
Common (35 paid) 1,700,000

Bonded Indebtedness:
None.

Dividends Declared and Dates Thereof:
In operation four months to January 1. Dividend of 1 2-3 per cent. declared on preferred stock, and 50 cents per share on 340,000 shares common stock.

Transfer Agents:
W. W. Gibbs, Secretary and Assistant Treasurer, Philadelphia. (Drexel Building.)

Properties and Plants Owned:

J. H. Sternbergh & Son, Reading, Pa.
Pennsylvania Bolt & Nut Company, Lebanon, Pa.
National Bolt, Nut & Rivet Works, Reading, Pa.
Lebanon Iron Company, Lebanon, Pa.
East Lebanon Iron Company, Lebanon, Pa.

Products:

Bar iron and steel.
Machine bolts.
Carriage bolts.
Nuts, hot pressed and cold punched.
Washers.
Turnbuckles.
Lag screws.
Railway and dock spikes.
Track bolts.
Boiler, ship and structural rivets.
Car forgings.
Rods and irons for bridges and buildings, &c.

Capacity:

150,000 gross tons.

Headquarters:

Lebanon, Pa.

Executive Committee:

J. H. Sternbergh, Horace Brock, James Lord, H. H. Light, Charles W. Wilhelm.

Executive Officers:

President, Arthur Brock, Lebanon.
Chairman of Executive Committee, J. H. Sternbergh, Reading.
Treasurer, Horace Brock, Lebanon.
Secretary and assistant treasurer, W. W. Gibbs, Philadelphia.
General auditor, H. M. M. Richards, Lebanon.

Managers of Plants:

General manager, James Lord, Lebanon.
Assistant general manager, Herbert Sternbergh, Reading.
Assistant general manager, H. J. Hayden, Lebanon, Pa.

Sales Agents:

H. C. Cable, Lebanon; H. A. Wagner, Lebanon.

Purchasing Agent:

H. H. Light, Lebanon.

American Shipbuilding Company.

Title:

American Shipbuilding Company.

Date of Organization:

April 20, 1899.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., non-cumulative) $15,000,000
Common (par, $100) $15,000,000

Capital Stock Issued:

Preferred $7,600,000
Common $7,600,000

Bonded Indebtedness:

None.

Dividends Declared and Dates Thereof:

Quarterly on preferred, commencing July 1, 1899.

Transfer Agents:

Corporation Trust Company of New Jersey.

Properties and Plants Owned or Controlled:

Owned:

Cleveland Ship Building Company, Cleveland and Lorain, Ohio.
Globe Iron Works Company, Cleveland, Ohio.
Ship Owners' Dry Dock Company, Cleveland, Ohio.

Controlled:

Superior Ship Building Company, West Superior, Wis.
Chicago Ship Building Company, Chicago, Ill.
Milwaukee Dry Dock Company, Milwaukee, Wis.
Detroit Ship Building Company, Detroit and Wyandotte, Mich.
Bay City Ship Building Company, Bay City, Mich.

Additions and Improvements Under Way:

None.

Products:

Ship builders.
Engine builders.
Boiler builders.
Dry dock proprietors.

Productive Capacity:

7 building yards.
12 dry docks.

Headquarters:

120 Viaduct, Cleveland, Ohio.

Directors:

W. L. Brown, Chicago.
A. McVittie, Detroit.
James C. Wallace, Cleveland.
H. H. Porter, Jr., Chicago.
Robert Wallace, Cleveland.
H. M. Hanna, Cleveland.
L. C. Hanna, Cleveland.
Robert Ireland, Cleveland.
Luther Allen, Cleveland.
W. E. Fitzgerald, Milwaukee.
Andrew M. Joys, Milwaukee.
S. N. McMillan, Detroit.
W. T. C. Carpenter, New Jersey.

Executive Committee:

W. L. Brown, Chicago.
A. McVittie, Detroit.
James C. Wallace, Cleveland.
R. L. Ireland, Cleveland.
Luther Allen, Cleveland.
Colgate Hoyt, New York.
W. E. Fitzgerald, Milwaukee.

Executive Officers:

W. L. Brown, president, Chicago.
R. L. Ireland, vice-president, Cleveland.
R. C. Wetmore, secretary and treasurer, Cleveland.
J. C. Wallace, general manager, Cleveland.

Purchasing Agent:

W. H. Fitch, Cleveland, Ohio.

American Smelting & Refining Company.

Title:
American Smelting & Refining Company.

Date of Organization:
April 4, 1899, under New Jersey laws.

Capital Stock Authorized:
Preferred (rate of interest, 7 per cent. cumulative) $32,500,000
Common (par, $100) $32,500,000

Capital Stock Issued:
Preferred $27,400,000
Common $27,400,000

Bonded Indebtedness:
$1,133,000, 6 per cent., Omaha & Grant bonds, due March 1, 1901. $1,000,000, 6 per cent., Con. Kansas City S. & R. Company, due May 1, 1900.

Dividends Declared and Dates Thereof:
ON PREFERRED STOCK.
Dividend No. 1 paid October 10, 1¾ per cent.
Dividend No. 2 paid January 9, 1¾ per cent.

Financial Statement:
None issued yet.

Registrar:
Chase National Bank.

Transfer Agents:
Manhattan Trust Company.

Properties and Plants Owned:
Omaha & Grant Smelting & Refining Company, refinery at Omaha and smelting plants at Omaha, Denver, Col.
Consolidated Kansas City Smelting & Refining Company, refinery at Kansas City and smelting works at Kansas City, Leadville, El Paso and El Carmen, Mexico.
National Smelting & Refining Company, refinery and smelter at Chicago.
United Smelting & Refining Company, smelting plants at Helena and Great Falls, Mont.
Pueblo Smelting & Refining Company, refinery and smelting plant at Pueblo, Col.
Germania Smelting Company, smelting plant at Salt Lake City, Utah.
Chicago & Aurora Smelting & Refining Company, refinery and smelting plant at Aurora, Ill.
Colorado Smelting Company, smelting plant at Pueblo, Col.
Globe Smelting & Refining Company, refinery and smelting plant at Denver, Col.
San Juan Smelting & Mining Company, smelter at Durango, Col.
Hanauer Smelting Works, smelter at Salt Lake City, Utah.
Pennsylvania Lead Company and Pennsylvania Smelting Company, smelter at Salt Lake City, Utah.
Bi-Metallic Smelting Company, smelter at Leadville, Col.

Products:
Gold, silver, lead, copper, blue vitriol and zinc sulphate.

Headquarters:
Empire Building, New York.

Directors:
E. W. Nash.
J. B. Grant.
Guy C. Barton.
W. S. Gurnee.
Barton Sewell.
Anton Eilers.
M. D. Thatcher.
D. H. Moffat.
Dennis Sheedy.
A. R. Meyer.
N. Witherill.
R. S. Towne.
G. B. Schley.
H. H. Rogers.
Leonard Lewisohn.

Executive Officers:
E. W. Nash, president.
Barton Sewell, vice-president.
Edward Brush, secretary.
Thomas B. Adams, assistant treasurer.

Managers of Plants:
Colorado.—Grant plant, J. B. Grant.
Globe plant, Dennis Sheedy.
Pueblo plant, F. Ginterman.
Eilers plant, Anton Eilers.
Durango plant, D. MacLean.
Arkansas Valley.—Union plant, J. H. Weddle.
Bi-Metallic plant, Franklin Ballou.
Montana.—East Helena plant, C. W. Whitley.
Great Falls plant, F. M. Smith.
Nebraska.—Omaha plant, W. T. Page.
Illinois.—National plant, M. F. Holmes.
Utah.—Germania and Mingo plant, T. R. Jones.
Texas.—El Paso and El Carmen plants, H. R. Simpson.
Kansas.—Argentine plant, H. R. Simpson.

Sales Agent:
N. Corwith, Chicago.

Purchasing Agent:
J. B. Arnold, Chicago.

American Steel Hoop Company.

Title:
American Steel Hoop Company.

Date of Organization:
April 17, 1899, under laws of New Jersey.

Capital Stock Authorized:
Preferred (7 per cent., cumulative) $14,000,000
Common (par, $100) $19,000,000

Capital Stock Issued:
Preferred $14,000,000
Common $19,000,000

Bonded Indebtedness:
None.

Dividends Declared and Dates Thereof:
Three regular quarterly dividends on preferred stock, 1¾ per cent., declared in July, October and January.

Transfer Agents:
Manhattan Trust Company.

Properties and Plants Owned:
J. Painter & Sons Company, Pittsburgh, Pa.
Isabella Furnace Company, Pittsburgh, Pa.

Wm. Clark's Sons Company, Pittsburgh, Pa.
Lindsay & McCutcheon, Pittsburgh, Pa.
Union Iron & Steel Company, Youngstown, Ohio.
Monessen Steel Company, Monessen, Pa.
P. L. Kimberly Company, works at Sharon, Pa., and at Greenville, Pa.
Portage Iron Company, Duncansville, Pa.
Pomeroy Iron & Steel Company, Pomeroy, Ohio.

Ore and Coke Properties Owned or Interest:

One-fifth interest in Mahoning Steel & Ore Company, Hibbing, Minn., producing 1,000,000 tons of ore annually.

One-third interest in coal property of National Mining Company, comprising about 7000 acres, at Bridgeville, near Pittsburgh, Pa.

Isabella Furnace plant, embraces coke property at Cokeville, Pa., ovens at Cokeville, manufacturing about 350 tons of coke per day.

Additions and Improvements Under Way:

Contracts have been let for modern compound blowing engines and water tube boilers and complete new stoves for the Isabella Furnaces, which with the remodeling of stacks, which also is contemplated, will increase capacity of plant to 1200 tons per day.

Products:

Steel hoops.
Steel bands.
Cotton ties.
Steel bars.
Special shapes.
Angles.
Channels.
Small tee rails.
Bar iron.
Pig iron.
Open hearth steel.
Muck bar.
Skelp.

Productive Capacity:

700,000 tons finished material.
250,000 tons pig iron.

Headquarters:

Pittsburgh, Pa.

Officers:

C. S. Guthrie, president.
C. A. Painter, first vice-president.
Veryl Preston, second vice-president.
F. S. Wheeler, treasurer.
F. L. Clark, secretary.

Board of Directors:

R. M. Gilbert,
W. T. Graham,
F. S. Wheeler,
D. G. Reid,
W. E. Reis,
C. S. Guthrie,
C. A. Painter,
Geo. E. Painter,
Veryl Preston,
W. E. Taylor,
Henry Wick,
J. H. Moore,
W. B. Leeds,
J. J. Treacy,
W. H. Moore.

Executive Committee:

D. G. Reid.
W. E. Reis.
C. S. Guthrie.
Geo. E. Painter.
Veryl Preston.
W. B. Leeds.
W. H. Moore.

Pittsburgh Board:

C. S. Guthrie,
Veryl Preston,
C. A. Painter,
G. E. Painter,
W. E. Taylor,
F. L. Clark.

Managers of Plants:

F. L. Clark.
W. A. Kingsley, assistant manager.

Sales Offices:

New York, Empire Building.
Chicago, Marquette Building.
St. Paul, Endicott Building.
Boston, 8 Oliver street.
St. Louis, Fullerton Building.
San Francisco, 23 Davis street.

The American Steel & Wire Company of New Jersey

Title:

The American Steel & Wire Company of New Jersey.

Date of Organization:

January 13, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent. cumulative) $40,000,000
Common (par, $100) $50,000,000

Capital Stock Issued:

Preferred ..... 40,000 shares.
Common ..... 50,000 shares.

Bonded Indebtedness:

$130,656.25.

Dividends Declared and Dates Thereof:

ON PREFERRED STOCK.

Dividend No. 1 paid April 15, 1899.
Dividend No. 2 paid July 15, 1899.
Dividend No. 3 paid October 14, 1899.
Dividend No. 4 paid January 2, 1900.

ON COMMON STOCK.

7 per cent., payable in four payments, on April 2, July 2, October 2, 1900, and January 2, 1901.

Financial Statement:

CONDITION JUNE 30, 1899.

Assets.

Plant	$75,440,614.78
Outside real estate	6,019.65
Stock investments	5,348,242.09
Cash	1,435,902.42
Bills receivable	253,189.28
Accounts receivable	7,229,281.04
Inventory	7,587,445.64
Furniture and fixtures	55,000.00
Total	$97,355,694.85

Liabilities.

Capital stock ($40,000,000.00 preferred, $50,000,000.00 common)		$90,000,000.00
*Bonds and mortgages (holders refused payment offered)		130,656.25
Accounts payable (since paid)		3,032,990.15
Profit	$4,892,048.45	
Less		
Dividend No. 1	700,000.00	4,192,048.45
Reserve funds. $59,765.00		
Surplus 4,132,283.45		
Totals	$4,192,048.45	$97,355,694.85

*$30,000 of this amount has since been paid.

CONDITION DECEMBER 31, 1899.

Assets.

Real estate, buildings, plant and machinery		$79,629,513.00
Investments and advances to subsidiary companies		4,064,475.00
Bills and accounts receivable		8,247,220.00
Inventories		10,995,446.00
Cash		3,325,294.00
Total		$106,161,948.00

Liabilities.

Capital stock:		
Preferred	$40,000,000.00	
Common	50,000,000.00	$90,000,000.00
Accounts payable, &c. (since paid)		4,899,418.00
Reserves:		
Depreciation	$1,000,000.00	
Bad debts, discounts, &c.	$200,000.00	1,200,000.00
Profit and loss account:		
Profit for calendar year 1899	$13,362,530.00	
Less—		
Depreciation. $1,000,000		
Reserve for possible bad debts, discounts, &c.. 200,000	1,200,000.00	
Net profit	$12,162,523.00	
Deduct div., 7 per cent. on preferred	2,100,000.00	10,062,530.00
Total		$106,161,948.00

The company was not incorporated until January 14, 1899, but as the properties were taken over as going concerns as of January 1, 1899, the profits for the entire calendar year are included above.

Registrar:

Farmers' Loan & Trust Company, New York.

Transfer Agents:

Corporation Trust Company, Jersey City, N. J.

Plants Acquired, Owned and Controlled:

American Steel & Wire Company, Illinois, plants at Anderson, Ind.; DeKalb, Ill., 2; Evanston, Ill.; Joliet, Ill., 2; St. Louis, Mo.; Cleveland, Ohio, 3, Salem, Ohio; Findlay, Ohio; Allentown, Pa.; Beaver Falls, Pa.; Rankin, Pa.

Washburn & Moen Mfg. Company, plants at Worcester, Mass., 2; Waukegan, Ill.; San Francisco, Cal.

Worcester Wire Company, plants at Worcester, Mass.

Cleveland Rolling Mill Company, plants at Cleveland, Ohio; Newburgh, Ohio, and iron mine property at Negaunee, Mich.

Indiana Wire Fence Company, plant at Crawfordsville, Ind.

Garden City Wire & Spring Company, plant at Chicago, Ill.

Consolidated Barb Wire Company, plants at Joliet, Ill.; Lawrence, Kan.

Laidlaw Bale Tie Company, plant at Joliet, Ill.

Cincinnati Barb Wire Fence Company, plant at Cincinnati, Ohio.

Union Rolling Mill Company (only), plant at Cleveland, Ohio, known as Emma Furnace.

Portage Iron Company (part), plant at Duncansville, Pa.

Newburgh Wire & Nail Company, plant at Newburgh, N. Y.

Allegheny Furnace Company, plant at Allegheny, Pa.

Pittsburgh Wire Company, plant at Braddock, Pa.

Shenango Valley Steel Company (part), plant at New Castle, Pa.

Oliver Wire Company, plant at Pittsburgh, Pa.

Oliver & Snyder Steel Company, plant at Pittsburgh, Pa.

Shoenberger Steel Company, plant at Pittsburgh, Pa., also coal land and coke ovens in Fayette and Westmoreland counties.

Puget Sound Wire Nail & Steel Company, plant at Everett, Wash.

Edgar Zinc Company, plants at St. Louis, Mo.; Cherryvale, Kan.

American Coke Company, comprising coal lands in Westmoreland, Green and Fayette counties, Pa., and coke ovens in Westmoreland and Fayette counties.

American Supply Company, at Baggaley, Pa.

American Mining Company, comprising Clark-Saunitry Mines at Virginia, Minn.

Cuff Mines, at Iron Mountain, Mich.

Negaunee Mines, at Negaunee, Mich.

Williamsburg, Pa., limestone quarries.

Furnaces, railroad and ore property of Crown Point Iron Company, Crown Point, N. Y.

The plants are all owned in fee except the following:

Shoenberger Steel Company.

Edgar Zinc Company.

American Coke Company.

American Supply Company.

American Mining Company.

These concerns are controlled by stock ownership.

Additions and Improvements Under Way:

4 open hearth furnaces at Cleveland.

4 open hearth furnaces at Worcester.

1 blooming mill at Worcester.

1 blast furnace at Edith, Allegheny.

1 blast furnace at Central, Cleveland.

1 blooming mill at Shoenberger plant.

Concentration of plants in the Pittsburgh district at Neville Island.

230 coke ovens, Westmoreland County, Pa.

1000 coke ovens and 1 5000-ton per day coal plant, Fayette County, Pa.

Products:

Coke.

Pig iron.

Bessemer steel billets.

Open hearth steel billets..

Wire rods.

Plain wire.

Barb wire.

Fence and netting staples.

Wire nails and brads.

Poultry netting.

Baling wire.

Bale ties.

Woven wire fences.

Electrical wires:

Galvanized iron and steel telegraph wires.

Copper wires and cables.

Insulated wires and cables.

Lead incased wires and cables.

Copper rail bonds.

Copper trolley wires.

Springs:
Flat and coiled wire springs.
Car truck springs, trolley springs.
Car seat springs, bunk springs, brake springs.
Shafting:
Cold-drawn steel shafting; rounds, squares, hexagons, flats or odd shapes.
Wire nails.
Spikes.
Pole steps.
Tacks.
Rivets.
Horse shoes and iron calks.
Tank, boiler and fire box steel plates.
Ship plates.
Bar steel and shapes.

Productive Capacity:
1,500,000 tons.

Headquarters:
Rookery Building, Chicago.
Empire Building, New York.

Executive Committee:
I. L. Ellwood, chairman.
J. W. Gates,
Wm. Edenborn.

Executive Officers:
Chairman, J. W. Gates.
President, John Lambert.
First vice-president, Wm. Edenborn.
Second vice-president, I. L. Ellwood.
Third vice-president, S. H. Chisholm.
Fourth vice-president, P. W. Moen.
Treasurer, W. A. Green.
Assistant treasurer in Chicago, F. L. Watson.
Assistant treasurer in New York, T. P. Alder.
Secretary, C. S. Roberts.
Assistant secretary in Chicago, O. Owen.
Assistant secretary in New York, F. E. Patterson.
General manager, Wm. P. Palmer.
Assistant general manager, A. M. Crane.
General sales agent, C. T. Boynton.
Auditor, C. A. Honecker.
Assistant auditor, C. A. Vogt.
Fred H. Daniels, chief engineer.
C. L. Miller, general superintendent.
Assistant to general manager, A. S. Chisholm.

Managers of Plants:
Worcester, Mass.:
Charles Ranlet, manager.
H. G. Stoddard, assistant manager.
John D. Curtis, superintendent.
New York, N. Y.:
F. E. Patterson, manager.
W. M. Douglass, superintendent, Allentown, Pa.
T. C. King, superintendent, Crown Point, N. Y.
Pittsburgh, Pa.:
W. H. Rowe, manager.
J. H. Price, assistant manager.
S. W. Tener, assistant manager.
C. L. Miller, general superintendent.
Cleveland, Ohio:
A. T. De Forest, manager.
Robt. Ney, assistant manager.
J. H. Early, assistant manager.
Chicago, Ill.:
E. C. Lott, manager.
John Y. Brooks, superintendent, Joliet.
H. E. Rice, superintendent, Waukegan.
H. O. Cary, superintendent, De Kalb.
F. C. Gedge, superintendent, Anderson.

Sales Agents:
General Sales Agent:
C. T. Boynton, Chicago.
Assistant General Sales Agents:
H. S. Smith, Chicago.
D. A. Merriman, Chicago.
T. H. Taylor, New York.

Purchasing Agents:
E. E. Stone, general purchasing agent.
W. C. Bogue, purchasing agent, Chicago district.
J. N. Fleming, purchasing agent, Cleveland district.
R. K. Hance, purchasing agent, New York district.
Robt. McMillan, purchasing agent, Pittsburgh district.
G. A. Cheever, purchasing agent, Worcester district.

American Tin Plate Company.

Title:
American Tin Plate Company.

Date of Organization:
December 15, 1898, under laws of New Jersey.

Capital Stock Authorized:
Preferred (7 per cent. cumulative).....$20,000,000
Common (par, $100).....$30,000,000

Capital Stock Issued.
Preferred $18,325,000
Common $28,000,000

Bonded Inbebtedness:
None.

Dividends Declared and Dates Thereof:
Dividends paid on preferred stock, 1¾ per cent. quarterly on the last days of April, July, October, 1899, and January, 1900.

Financial Statement:
The annual statement, which is dated December 31, 1899, shows the following:

Assets.

Plants, real estate, patents, machinery, &c.	$43,404,508.04	
Merchandise, inventory	4,951,925.40	
Accounts receivable	1,518,247.35	
Cash	988,984.34	
Total assets		$50,864,665.13

Liabilities.

Capital stock, preferred	$18,325,000.00	
Capital stock, common	28,000,000.00	
Total capital stock		$46,325,000.00
Purchase money mortgages, assumed		270,000.00
Accounts payable		1,656,238.98
Surplus		2,613,426.15
Total liabilities		$50,864,665.13

The annual report filed in the State of New York shows the following:

The amount of their capital stock, and the amount authorized to be issued, is	$50,000,000.00
The proportion actually issued is	46,325,000.00
The amount of their debts does not exceed the sum of	1,226,238.00
The amount of their assets is at least the sum of	7,460,167.00

Registrar:
First National Bank, New York, and Merchants' Loan & Trust Company, Chicago.

Transfer Agents:
Guaranty Trust Company, New York, and company's office, Chicago.

Properties and Plants Owned:

American Tin Plate Company, Elwood, Ind.
American Tin Plate Company, Montpelier, Ind.
Beaver Tin Plate Company, Lisbon, Ohio.
Crescent Sheet & Tin Plate Company, Cleveland, Ohio.
Falcon Tin Plate & Sheet Company, Niles, Ohio.
Humbert Tin Plate Company, Connellsville, Pa.
Irondale Steel & Iron Company, Richmond, Ind.
La Belle Iron Works, Wheeling, W. Va.
Monongahela Tin Plate Company, Pittsburgh, Pa.
National Tin Plate Company, Anderson, Ind.
National Tin Plate Company, Monessen, Pa.
New Castle Steel & Tin Plate Company, New Castle, Pa.
Pennsylvania Tin Plate Company, New Kensington, Pa.
Pittsburgh Tin Plate Company, New Kensington, Pa.
Shenango Valley Steel Company, New Castle, Pa.
Star Tin Plate Company, Pittsburgh, Pa.
United States Iron & Tin Plate Mfg. Company, Demmler, Pa.
Wallace, Banfield & Co., Irondale, Ohio.
Washington Steel & Tin Plate Mills, Washington, Pa.
Atlanta Steel & Tin Plate Company, Atlanta, Ind.
Baltimore Tin Plate Company, Baltimore, Md. (Dismantled.)
Blairsville Rolling Mill & Tin Plate Company, Blairsville, Pa.
Cincinnati Rolling Mill & Tin Plate Company, Cincinnati, Ohio.
Cumberland Steel & Tin Plate Company, Cumberland, Md.
Ellwood Tin Plate Company, Ellwood City, Pa.
Great Western Tin Plate Company, Chicago, Ill.
Hamilton & Co., West Newton, Pa.
Johnstown Tin Plate Company, Johnstown, Pa.
Laughlin Nail Company, Martin's Ferry, Ohio.
Marshall Bros. & Co., Philadelphia, Pa.
The Moorewood Company, Gas City, Ind.
Morton Tin Plate Company, Cambridge, Ohio.
Neshannock Sheet & Tin Plate Company, New Castle, Pa.
Ohio River Sheet & Tin Plate Company, P. O., Agnew, Pa.
Reeves Iron Company, Canal Dover, Ohio.
The company have acquired all the plant and machinery, exclusive of realty, used for manufacturing tin plate of the following companies:
Ætna Standard Iron & Steel Company, Bridgeport, Ohio.
Britton Rolling Mill Company, Cleveland, Ohio. (Dismantled.)
Somers Bros., Brooklyn, N. Y. (Dismantled.)
Stickney Iron Company, Baltimore, Md. (Dismantled.)

Products:

Tin plate.
Terne plate.
Black plate.

Headquarters:

Battery Park Building, New York.

Executive Committee:

William B. Leeds, chairman.
Daniel G. Reid.
Warner Arms.
William T. Graham.
William H. Moore.

Executive Officers:

D. G. Reid, president.
W. B. Leeds, first vice-president.
W. T. Graham, second vice-president.
Warner Arms, third vice-president.
F. S. Wheeler, treasurer.
E. G. Applegate, secretary.
H. B. Wheeler, assistant secretary.

Managers of Plants:

District Managers:

George Greer, New Castle, Pa.
William Banfield, Beaver, Pa.
J. R. Phillips, Pittsburgh, Pa.
C. A. Robinson, Wheeling, W. Va.
Geo. G. Humbert, Connellsville, Pa.
Berthold Goldsmith, Elwood, Ind.

Sales Agents:

Frank Dickerson, New York.
W. H. Wells, San Francisco.

Purchasing Agent:

L. H. Landon, Chicago.

New York Territory: Headquarters:

99 John street.

Pittsburgh Territory: Headquarters:

Carnegie Building.

Central Foundry Company.

Title:

Central Foundry Company.

Date of Organization:

April 15, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $7,000,000
Common (par, $100)..... $7,000.000

Capital Stock Issued:

Preferred $7,000,000
Common $7,000,000

Bonded Indebtedness:

$4,000,000, 6 per cent.

Registrar:

State Trust Company, New York City.

Transfer Agents:

Baring, Magoun & Co., New York City.

Properties and Plants Owned:

Monitor Iron Works, Newark, N. J.
Monitor Iron Works, Sing Sing, N. Y.
Cassidy & Adler, New York.
J. L. Mott Iron Works, New York. (Equipment.)
Henry McShane Mfg. Company, Baltimore, Md.
J. Regester & Sons, Baltimore, Md.
C. A. Blessing, Salem, N. J.
Phœnix Foundry & Mfg. Company, Lansdale, Pa.
Midvale Foundry Company, Allentown, Pa.
Wilmington Foundry Company, Wilmington, Del.
A. L. Swett Iron Works, Medina, N. Y.
Bignall Mfg. Company, Medina, N. Y.
Beach & Co., Medina, N. Y.
Illinois Malleable Iron Company, Chicago, Ill. (Equipment.)
A. Y. Macdonald & Morrison Company, Dubuque, Iowa. (Equipment.)
St. Charles Mfg. Company, St. Charles, Ill.
Rundle & Spence Mfg. Company, Milwaukee, Wis.

Hoffman, Billings & Weller Company, Gadsden, Ala.
Humphreys Mfg. Company, Mansfield, Ohio. (Equipment.)
Bell Mfg. Company, Vincennes, Ind.
Alabama Pipe Company, Bessemer, Ala.
Ahrens & Ott Mfg. Company, Louisville, Ky. (Equipment.)
Kingsley Foundry Company, Hammond, Ind.
E. L. Tylor & Co., Anniston, Ala.
Shuster Foundry, South Pittsburg, Tenn.

Products:

Soil pipe and soil pipe fittings.
Plumbers' cast iron goods.

Productive Capacity:

20 active plants, daily capacity from 10 tons finished product per day to 75 tons per day, the smallest producing 10 tons, the largest 75 tons per day.

Headquarters:

116 Nassau street, New York City.

Executive Committee:

J. Reid, A. Fowle, Jr., R. A. Regester, G. Schumacher, A. L. Swett and A. H. Henderson.

Executive Officers:

John Reid, president, New York.
Alfred Fowle, Jr., first vice-president and general manager.
Robert A. Regester, second vice-president and supervisor of foundries.
G. Schumacher, secretary.
Winthrop L. Rogers, treasurer.

Managers of Plants:

A. L. Swett, Beach, Bignall and Swett plants, Medina, N. Y.
J. J. Beggs, Bessemer plant.
C. A. Heckel, Blessing plant.
J. T. Weller, H., B. & W. plants.
E. E. Weaver, Midvale plant.
J. F. Moore, Monitor I plant.
H. A. Decker, Monitor II plant.
C. R. Schmidt, McShane and Regester plants.
P. H. Rahe, Phœnix plant.
E. K. Rundle, Rundle-Spence plant.
Jos. Lodge, Shuster plant.
A. L. Tyler, Tyler plant.
L. O. Allen, Vincennes plant.
H. F. Pickels, Wilmington plant.

Sales Agents:

E. A. Keithley, Pacific Coast representative.
P. J. Adami, C. W. Bager, traveling salesmen.

Purchasing Agent:

W. S. Reins.

The Empire Steel & Iron Company.

Title:

The Empire Steel & Iron Company.

Date of Organization:

March, 1899, under laws of New Jersey.

Capital Stock Authorized:

$10,000,000.
Preferred (rate of interest, 6 per cent., payable semi-annually, cumulative)..... $5,000,000
Common (par, $100)..... $5,000,000

Capital Stock Issued:

Preferred $2,354,000
Common $2,280,000

Bonded Indebtedness:

None.

Dividends Paid to Date:

At rate of 6 per cent. per annum on preferred stock July 1, 1899, and January 1, 1900.

Transfer Agents:

City Trust Company of New York.

Properties and Plants Owned:

Mount Hope Mining Company, ore mines, Mount Hope, N. J.
Mount Hope Mineral Railroad, Port Oram, N. J.
Crane Iron Works, Catasauqua, Pa., 4 furnaces.
Greensboro Furnace, Greensboro, N. C., 1 furnace.
Ore Hill Ore Mines, Ore Hill, N. C.
Valentine Furnace, Bellefonte, Pa., leased, 1 furnace.
Henry Clay Furnaces, Reading, Pa., 2 furnaces.
Macungie Furnace, Macungie, Pa., 1 furnace.
Oxford Furnace and Mill, Oxford, N. J., 1 furnace, puddle mill and rolling mill.
Oxford Ore Mines, Oxford, N. J.
Topton Furnace, Topton, Pa., 1 furnace.
Victoria Furnace, Goshen, Va., 1 furnace.
Victoria & Western Railroad, Goshen, Va.
Shenandoah Furnace, Shenandoah, Va., 1 furnace.
Potts Valley Ore Mines, Huddleston, Va.
Potts Valley Railroad, Huddleston, Va.
Boyer Ore Mines, Fox Mountain Ore Mines, Massanutton Ore Mines, near Shenandoah, Va.
Craigsville Limestone Quarry, Craigsville, Va.

Additions and Improvements Under Way:

Repairs and improvements to Macungie and Shenandoah Furnaces, new boilers and blowing engine at Greensboro Furnace. Development of mining operations at all mines and increasing output of ores, opening new ore mines and building railroad to Massanutton range, in Virginia near Shenandoah.

Products:

Pig iron; Bessemer, low phosphorus Bessemer, basic, foundry and forge irons.

Productive Capacity:

1000 tons per day.

Headquarters:

1213 and 1214 Empire Building, 71 Broadway, New York.

Directors:

Archer Brown,
Leonard Peckitt,
E. R. Chapman,
E. K. Summerwell,
F. M. Jeffery,
F. M. Davis,
Glen Wright,
W. L. Sims.
W. E. Scarrett.

Executive Committee:

E. R. Chapman,
Archer Brown,
W. L. Sims.

Executive Officers:

Leonard Peckitt, president.
Walter Kennedy, vice-president.

W. L. Sims, general manager and treasurer.
Glen Wright, secretary.
Archer Brown, chairman Executive Committee.

Division Superintendents:

J. W. Thomas, Catasauqua, Pa.
J. S. Elverson, Oxford, N. J.
Duke Peckitt, Mount Hope, N. J.
Isaac Prosser, Greensboro, N. C.
Geo. S. Grimm, Bellefonte, Pa.
David Campbell, Reading, Pa.
W. H. Clymer, Topton and Macungie, Pa.
J. H. Ferguson, Goshen, Va.
J. C. Hazard, Shenandoah, Va.

Sales Agents:

Rogers, Brown & Co., and
Rogers, Brown & Warner.

Purchasing Agent:

W. A. Major.

Federal Steel Company.

Title:

Federal Steel Company.

Date of Organization:

September 9, 1898.

Capital Stock Authorized:

Preferred, 6 per cent. preference, non-cumulative	$100,000,000
Common	100,000,000
Total	$200,000,000

Capital Stock Issued:

Preferred	$53,260,900
Common	46,484,300
Total	$99,745,200

Dividends Declared:

ON PREFERRED STOCK.

1½ per cent., payable April 5, 1899.
1½ per cent., payable September 12, 1899.
3 per cent., payable January 20, 1900.

ON COMMON STOCK.

1¼ per cent., payable January 20, 1900.
2½ per cent., payable March 20, 1900.

Registrar:

Colonial Trust Company, New York.

Transfer Agents:

Corporation Trust Company, New York and Jersey City, N. J.

Mortgage Debt:

The Federal Steel Company has no bonded indebtedness. The companies whose entire capital stocks it owns have bonds outstanding in the hands of the public as follows:

Duluth & Iron Range Railroad Company's Bonds:

First mortgage (interest, April and October), 5 per cent., due October 1, 1937		$6,732,000
Second mortgage (interest, January and July), 6 per cent., due January 1, 1916		1,000,000
Amount issued	$4,500,000	
Less, owned by Minnesota Iron Company (parent company)	$3,500,000	
Balance	$1,000,000	
Land grant mortgage (interest annually, March 1), 5 per cent., due March 1, 1917		10,000
Total		$7,742,000

Elgin, Joliet & Eastern Railway Company's Bonds:

First mortgage (interest, May and November), 5 per cent., due May 1, 1941	$7,417,000

Lorain Steel Company (of Pennsylvania), Bonds — formerly Johnson Company of Pennsylvania:

First mortgage (interest, March and September), 6 per cent., due March 1, 1914, but $100,000 are retired annually under sinking fund provision	1,500,000
Total mortgage bonds	$16,659,000

Debenture Bonds:

Illinois Steel Company's Debentures:

Convertible debentures (interest, January and July), 5 per cent., due January 1, 1910		$2,922,000
Original issue was	$6,200,000	
Less, retired and canceled	3,278,000	
Balance, $2,922,000, outstanding, being stamped waiving the "convertible" clause.		
Non-convertible debentures (interest, April and October), 5 per cent., due April 1, 1913		6,900,000
Total debenture bonds		$9,822,000

Interest on foregoing bonds and debentures is payable at offices of the respective companies, 71 Broadway, New York, except that on Lorain Steel Company's bonds, which is payable at office of United States Trust Company, New York.

Properties Owned:

The Federal Steel Company own the entire issues of the capital stocks of the following companies, viz.:
Minnesota Iron Company.
Illinois Steel Company.
Lorain Steel Company of Ohio.
Lorain Steel Company of Pennsylvania.
Elgin, Joliet & Eastern Railway Company.

The several properties owned or controlled by the foregoing companies may be briefly described as follows:

Iron Ore Properties:

By Minnesota Iron Company:

150,300 acres of mineral lands in Minnesota and Michigan, on which are located various iron mines, the following named being now in active operation:
Minnesota.
Auburn.
Fayal.
Canton.
Genoa.
Chandler.
Elba.

By Illinois Steel Company;

The Cundy mine at Quinnesec, Mich.; the Johnston mine at Crystal Falls, Mich.; four-fifths interest in 1080 acres of ore lands at Iron Range, Dodge County, Wis.; 5908 acres of mineral lands in Michigan.

Coke and Coal Properties:

The property of the S. W. Connellsville Coke Company, consisting of 1650 acres of coking coal land near Mt. Pleasant, Pa., with a plant thereon of 1217 ovens.

About 6000 acres of coking coal lands in Fayette County, Pa., on which a plant of 1200 ovens is now in course of erection.

4400 acres of coking coal land in Raleigh County, W. Va.

904 acres of coal land near Johnstown, Pa.

Steel Works:

By Illinois Steel Company:

Works located at South Chicago, Ill.; Bridgeport (Chicago), North Chicago Works (Chicago), Joliet, Ill., and Milwaukee, Wis., consisting in all of the following:

804 acres of land.
17 blast furnaces.
10 open hearth furnaces.
3 steel mills.
2 rail mills.
2 rod mills.
1 cotton tie mill.
1 slabbing mill.
1 plate mill.
2 merchant mills.
Steel and iron foundries.
Steel cement plant.
Power plants, laboratories, office buildings, &c.

By Lorain Steel Company:

Lorain, Ohio, plant, comprising the following:

975 acres of mill property.
2 blast furnaces (erected in 1899.)
2 steel mills.
1 rail mill.
Power plants, laboratories, office building, etc.

Johnstown, Pa., plant, comprising the following:

150 acres of mill and other property.
Steel and iron foundries.
Machine and erecting shops for the manufacture of railway frogs, switches, crossings, special track work, electric railway motors, etc.

Railroad Property:

By Minnesota Iron Company:

The Duluth & Iron Range Railroad, consisting of 175 miles of main line of railroad extending from the Minnesota Iron Company's and other mines in the Mesaba and Vermillion ranges in Minnesota, to the ore docks at Two Harbors on Lake Superior, and to Duluth, Minn.; also five large ore docks at Two Harbors and ample equipment for the transportation of 5,000,000 tons of iron ore per season, and a large volume of other traffic.

By Illinois Steel Company:

The Chicago, Lake Shore & Eastern Railroad, consisting of 154.50 miles of tracks owned connecting the Several works of the Illinois Steel Company with intersecting lines of railroad; also trackage rights over 258.57 miles of other railroad.

By Elgin, Joliet & Eastern Railway Company:

194.37 miles of main line owned, and trackage rights over 16.36 additional miles, extending as follows: From Waukegan, Ill. (35 miles north of Chicago) southwesterly, south and easterly, to Porter, Ind., forming a Belt Line around Chicago and intersecting every railroad entering there at an average distance of 30 miles therefrom; also, branches to Aurora, Ill., to the Wilmington coal fields, to Whiting, Ind. (Standard Oil Works), and to South Chicago, where extensive docks, warehouses and other terminals are owned; also extensive docks and terminals at Waukegan.

By Lorain Steel Companies:

The Lake Terminal Railroad and the Johnstown & Stony Creek Railway, owning respectively the terminal railroads connecting the steel works at Lorain, Ohio, and Johnstown, Pa., with intersecting lines of railroad.

Steamship and Dock Property:

By Minnesota Iron Company:

The property of the Minnesota Steamship Company, consisting of twelve steel steamers and ten barges in commission on the great lakes.

A controlling interest in the property of the Minnesota Dock Company, consisting of valuable docks at Buffalo, N. Y., and at Ashtabula, Ohio.

Additions and Improvements Under Way:

The principal additions and improvements under way are as follows:

New cement plant, South Chicago Works.
2 new blast furnaces, South Chicago Works.
Coke plant of 1200 ovens on Fayette County, Pa., property, including terminal railroad to connect plant with trunk lines.
Extending Elgin, Joliet & Eastern Railway from Griffith to Clarke Junction, Ind.
Large additions to the equipment of the several railroads; also new second tracks and other sundry improvements.

Products:

Iron ore.
Coal.
Coke.
Pig iron (Bessemer and foundry).
Spiegeleisen and Ferro.
Bessemer steel billets.
Open hearth steel billets.
Tee rails (heavy and light).
Girder rails.
Slabs and axle billets.
Wire rods.
Steel plates.
Angle bars and rail joints.
Tin plate bars.
Bolts and nuts.
Spikes.
Merchant bars.
Foundry products (for switch works consumption).
Railway frogs, crossings, switches, motors, railway special work, etc.
Steel cement.

Annual Productive Capacity:

Iron ore, coal and coke (not including product of 1200 coke ovens now building)	5,000,000 tons.
Finished steel products	2,500,000 tons.
Steel cement	52,800 tons.

Railway frogs, crossings, switches, motors, track special work, etc., contingent on demand.

Financial Statement:

Preliminary Statement of Net Earnings:

Net earnings of the Federal Steel Company and constituent companies for the calendar year 1899		$10,592,843.31
Loss charged for new construction, improvements, renewals and replacements	$1,234,045.32	
For reserve funds, depreciation	901,137.05	
For premiums on bonds purchased	153,995.04	
		2,289,178.41
Total		$8,303,664.90

Add net profits accrued during 1898, subsequent to the time the Federal Steel Company acquired ownership of stock of constituent companies...	1,215,679.80
Total net profits to December 31, 1899.....	$9,519,344.70
Dividends for 1899 on Federal Steel Company stock: Preferred, 6 per cent.; common, 1¼ per cent., paid January 20, 1900; common, 2½ per cent., payable March 20, 1900.....	4,938,702.75
Surplus.....	$4,580,641.95

Organization:

Directors:

H. H. Porter.
E. H. Gary.
J. Pierpont Morgan.
H. H. Rogers.
D. O. Mills.
A. R. Flower.
Samuel Spencer.
C. C. Cuyler.
Robert Bacon.
Nathaniel Thayer.
Marshall Field.
Samuel Mather.
Norman B. Ream.
Charles MacVeagh.
James Sim.

Executive Committee:

H. H. Porter.
E. H. Gary.
H. H. Rogers.
Nathaniel Thayer.
Samuel Spencer.

Officers:

H. H. Porter, chairman of the board.
E. H. Gary, president.
Edward Shearson, assistant to the president.
Charles MacVeagh, first vice-president.
James Sim, second vice-president.
Richard Trimble, secretary and treasurer.
W. J. Filbert, auditor.

Headquarters:

71 Broadway, New York.

Operation:

The business of each of the constituent companies of the Federal Steel Company is managed and conducted by the officers and directors of the respective companies. The officers of the several companies are as follows:

Illinois Steel Company:

E. J. Buffington, president.
C. H. Foote, vice-president.
T. J. Hyman, secretary.
W. H. Thompson, treasurer.
T. W. Robinson, general manager.
Geo. Baker, general sales agent.
L. T. Doty, purchasing agent.
General offices, "The Rookery," Chicago, Ill.

Lorain Steel Company:

Daniel Coolidge, president and general sales agent.
M. M. Suppes, vice-president and general manager, Lorain.
T. C. Du Pont, general manager, Johnstown.
P. M. Boyd, secretary.
J. H. Craig, auditor.
A. C. Gary, treasurer.
J. K. Frye, purchasing agent.
General offices, Lorain, Ohio.

Minnesota Iron Company:

D. H. Bacon, president.
Henry Siebert, vice-president.
C. P. Coffin, secretary and treasurer.
General offices, 303 Dearborn street, Chicago, Ill.

Elgin, Joliet & Eastern Railway Company:

C. H. Ackert, president and general manager.
A. F. Banks, traffic manager.
F. W. Sutton, auditor.
F. D. Raymond, secretary and treasurer.
General offices, "The Rookery," Chicago, Ill.

Duluth & Iron Range Railroad Company:

J. L. Greatsinger, president.
C. P. Coffin, secretary and treasurer.
Thomas Murray, assistant treasurer, New York.
A. H. Viele, auditor.
General offices, Duluth, Minn.

International Heater Company.

Title:

International Heater Company.

Date of Organization:

July 1, 1898.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $900,000
Common (par, $100).....$900,000

Capital Stock Issued:

Preferred $551,900
Common $543,900

Bonded Indebtedness:

None.

Dividends Declared and Dates Thereof;

Preferred, 5¼ per cent., July 1, 1898, to April 1, 1899, paid April 1, 1899; 3½ per cent, 6 months to October 1, 1899, paid October 1, 1899.

Registrar:

New York Security & Trust Company.

Properties and Plants Owned:

Howard Furnace Company, Syracuse, N. Y.
J. F. Pease Furnace Company, Syracuse, N. Y.
Russel, Wheeler & Son, Utica, N. Y.
Carton Furnace Company, Utica, N. Y.
Kernan Furnace Company, Utica, N. Y.

Products:

Warm air furnaces.
Combination furnaces.
Steam and hot water heaters.
Heating stoves.
Agricultural furnaces.
Acetylene gas generators.

Headquarters:

Utica, N. Y.

Board of Directors:

Frank E. Wheeler, Utica.
Edward A. Carton, Utica.
Francis Kernan, Utica.
E. M. Moore, Syracuse.
G. L. Bradford, Utica.
J. M. Crouse, Utica.
N. E. Devereux, Utica.

Executive Officers:

Frank E. Wheeler, president.
Edward A. Carton, vice-president.
Francis Kernan, manager.
Fred'k H. Moore, secretary and treasurer.

International Silver Company.

Title:

International Silver Company.

Date of Organization:

November 21, 1898, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $9,000,000
Common (par, $100) $11,000,000

Capital Stock Issued:

Preferred $5,026,500
Common $9,896,000

Bonded Indebtedness:

$3,900,000, 6 per cent.

Dividends Declared and Dates Thereof:

Dividend 1¾ on preferred, payable April 1, 1900.

Registrar:

Continental Trust Company, 30 Broad street, New York.

Transfer Agents:

Thomas & Post, 71 Broadway, New York.

Properties and Plants Owned:

Meriden Britannia Company, Meriden, Conn.
Rogers & Bros., Waterbury, Conn.
Barbour Silver Company, Hartford, Conn.
Wm. Rogers Mfg. Company, Hartford, Conn.
Manhattan Silver Plate Company, Lyons, N. Y.
Watrous Mfg. Company, Wallingford, Conn.
Rogers Cutlery Company, Hartford, Conn.
Meriden Silver Plate Company, Meriden, Conn.
Manning, Bowman & Co., Meriden, Conn.
Wilcox Silver Plate Company, Meriden, Conn.
Rogers & Hamilton Silver Plate Company, Waterbury, Conn.
Norwich Silver Plate Company, Toronto, Conn.
Holmes & Edwards Silver Company, Bridgeport, Conn.

Products:

Plated ware.
Cutlery.

Productive Capacity:

Amount of business: $10,000,000 annually.

Headquarters:

Meriden, Conn.; New York office, 71 Broadway.

Executive Officers:

Samuel Dodd, president.
G. N. Wilcox, first vice-president, Meriden, Conn.
G. C. Edwards, second vice-president, Bridgeport, Conn.
C. A. Hamilton, third vice-president, Meriden, Conn.
G. M. Curtis, treasurer, Meriden, Conn.
O. F. Thomas, auditor, Lyons, N. Y.
G. Rockwell, secretary, Meriden, Conn.

International Steam Pump Company.

(UNOFFICIAL.)

Title:

International Steam Pump Company.

Date of Organization:

March 16, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (6 per cent. cumulative) $12,500,000
Common (par, $100) $15,000,000

Bonded Indebtedness:

$1,150,000, 6 per cent., Blake & Knowles debentures.

Dividends Declared and Dates Thereof:

ON PREFERRED STOCK.

1½ per cent., August 1, 1899.
1½ per cent., November 1, 1899.
1½ per cent., February 1, 1900.

Properties and Plants Owned:

Henry R. Worthington of Brooklyn and Elizabethport.
Blake & Knowles Steam Pump Works, Limited.
Deane Steam Pump Works of Holyoke, Mass.
Laidlaw-Dunn-Gordon Company of Cincinnati, Ohio.
Snow Steam Pump Works of Buffalo, N. Y.

Products:

Pumping machinery.
Condensers.
Air compressors.
Water meters.
Cooling towers.

Headquarters:

26 Broadway, New York.

Board of Directors:

C. C. Worthington, New York.
Max Nathan, New York.
Charles L. Broadbent.
Lewis E. Bellows, Holyoke, Mass.
John G. Macintosh, Holyoke, Mass.
Robert Laidlaw, Cincinnati, Ohio.
John W. Dunn, Cincinnati, Ohio.
Daniel O'Day, Buffalo, N. Y.
James H. Snow, Buffalo, N. Y.
Philip Lehman, Boston, Mass
E. F. C. Young, New York.

Executive Officers:

C. C. Worthington, president.
Max Nathan, treasurer.

National Enameling & Stamping Company.

(UNOFFICIAL.)

Title:

National Enameling & Stamping Company.

Date of Organization:

January 21, 1899, under New Jersey laws.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $10,000,000
Common (par, $100) $20,000,000

Capital Stock Issued:

Preferred $8,000,000
Common $13,000,000

Properties and Plants Owned:

St. Louis Stamping Company, St. Louis, Mo., and Granite City, Ill.
Kieckhefer Bros. Company, Milwaukee, Wis.
Matthai, Ingram & Co., Baltimore, Md.

Haberman Mfg. Company, New York.
American Stamping Company, Brooklyn, N. Y.
Eastern Tin Ware Company, Portland, Conn.
Stewart Enamel Company, Bellaire, Ohio.

Additions and Improvements Under Way:

Building 12 additional plate mills at Granite City.

Products:

Open hearth steel.
Black plates.
Tin plate.
Sheet iron.
Enameled household goods and utensils.
Tinware, stamped and pieced.
Galvanized ware.
Japanned ware.
Sheet metal ware.
Hollow ware.

Executive Offices:

81 and 83 Fulton street, New York.

Board of Directors:

F. G. Niedringhaus, St. Louis.
W. F. Niedringhaus, St. Louis.
T. K. Niedringhaus, St. Louis.
Fred. Haberman, New York.
Louis Haberman, New York.
C. W. Knapp.
Fred. A. W. Kieckhefer, Milwaukee.
James E. Ingram, Baltimore.
W. H. Matthai, Baltimore.
Louis C. Barting.
H. August Lurdke.
Chas. N. King.

Executive Officers:

Fred. G. Niedringhaus, president.
F. A. W. Kieckhefer, first vice-president.
James E. Ingram, treasurer.
W. H. Matthai, secretary.
A. M. Steinhardt, assistant secretary and treasurer.

National Steel Company.

Title:

National Steel Company.

Date of Organization:

February 27, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (7 per cent., cumulative).....$27,000,000
Common (par, $100).....$32,000,000

Capital Stock Issued:

Preferred $27,000,000
Common $32,000,000

Bonded Indebtedness:

$2,561,000, 6 per cent. bonds, assumed.

Dividends Declared and Dates Thereof:

1¾ per cent. on preferred stock, June 30, 1899.
1¾ per cent. on preferred stock, September 30, 1899.
1¾ per cent. on preferred stock, December 30, 1899.

Registrar:

First National Bank, New York.

Transfer Agents:

New Jersey Registration & Trust Company, East Orange, N. J.
Guaranty Trust Company, New York.

Properties and Plants Owned:

Ohio Steel Company, Youngstown, Ohio.
Shenango Valley Steel Company, New Castle, Pa. (steel plant and furnaces).
King, Gilbert & Warner, Columbus, Ohio.
Bellaire Steel Company, Bellaire, Ohio.
Ætna-Standard Iron & Steel Company, Bridgeport, Ohio, and Mingo Junction, Ohio (steel plants and blast furnaces).
Buhl Steel Company, Sharon, Pa.
Sharon Iron Company, Sharon, Pa. (blast furnace only).
Rosena Furnace Company, New Castle, Pa. (furnace).
Thomas Furnace Company, Niles, Ohio (furnace).
Ohio Iron Company, Zanesville, Ohio (furnace).
Columbia Iron & Steel Company, Uniontown, Pa.
Standard-Connellsville Coke Company, Pleasant Unity, Pa.
Continental Coke Company, two coking coal tracts at Uniontown, Pa.

Additions and Improvements Under Way.

Third furnace with two stacks at Mingo, Ohio; fourth furnace at New Castle, Pa.; third furnace at Youngstown, Ohio; billet mill at Youngstown, Ohio; 300 coke ovens at Pleasant Unity, Pa.; 600 coke ovens at Revere Tract, Uniontown, Pa.; 400 coke ovens at Thompson Tract, Uniontown, Pa.

Products:

Steel billets.
Sheet bars.
Tin plate bars.
Steel rails.
Pig iron.
Coke.
Merchant bars.
Agricultural shapes.
Sheets.
Light plates.
Corrugated sheets.
Galvanized sheets.

Productive Capacity:

1,800,000 tons steel.

Headquarters:

Battery Park Building, New York.

Board of Directors:

W. E. Reis, New Castle, Pa.
Henry Wick, Youngstown, Ohio.
Myron C. Wick, Youngstown, Ohio.
R. M. Gilbert, Columbus, Ohio.
A. B. Carter, Bellaire, Ohio.
James McLain, New York.
D. G. Reid, Chicago.
Warner Arms, Chicago.
W. B. Leeds, Chicago.
W. T. Graham, Chicago.
W. H. Moore, Chicago.
J. H. Moore, Chicago.
John Topping, Wheeling, W. Va.
James B. Dill, New York.
F. S. Wheeler, Chicago.

Executive Officers:

W. E. Reis, president.
Henry Wick, first vice-president and chairman of Executive Committee.
R. M. Gilbert, second vice-president.
W. H. Baldwin, secretary and auditor.
F. S. Wheeler, treasurer.
H. B. Wheeler, assistant treasurer.

Executive Committee:

W. E. Reis.
W. H. Moore.
R. M. Gilbert.
Henry Wick.
D. G. Reid.
W. B. Leeds.
F. S. Wheeler.

National Tube Company.

Title:

National Tube Company.

Date of Organization:

May, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (7 per cent., cumulative).....$40,000,000
Common (par, $100).....$40,000,000

Capital Stock Issued:

Preferred $40,000,000
Common $40,000,000

Bonded Indebtedness:

None.

Registrar:

Colonial Trust Company of New York.

Transfer Agents:

The company have their own transfer department, at 26 Cortlandt street, New York.

Dividends Paid and Dates Thereof:

October 2, 1899, and January 2, 1900, $1.75 quarterly dividend on preferred stock. Regular dividend dates on preferred stock are January 2, April 1, July 1 and October 1 of each year.

Properties and Plants Owned:

National Tube Works Company, McKeesport, Pa.
Riverside Iron Works, Wheeling, W. Va.
Pennsylvania Tube Company, Pittsburgh, Pa.
American Tube & Iron Company, Middletown, Pa., and Youngstown, Ohio.
National Galvanizing Company.
Chester Tube & Iron Company, South Chester, Pa.
Oil City Tube Company, Oil City, Pa.
Cohoes Tube Works, Cohoes, N. Y.
Syracuse Tube Company, Syracuse, N. Y.
Allison Mfg. Company (Tube Mill), Philadelphia, Pa.
Morris, Tasker & Co. (Delaware Iron Company), New Castle, Del.
Ohio Tube Company, Warren, Ohio.
Oil Well Supply Company (Continental Tube Works), Pittsburgh, Pa.
Pittsburgh Tube Company, Pittsburgh, Pa.
Montreal Mining Company. (National Tube Company own a portion of the capital stock of this company.)

Additions and Improvements Under Way:

One 500-ton daily capacity blast furnace to be added to the plant of the Riverside Iron Works, at Benwood, W. Va.

Products:

Pig iron.
Bessemer steel billets.
Merchant pipe, black and galvanized, ⅛ to 36 inches.
Casing tubing and drive pipe for well purposes.
Boiler tubes.
Seamless tubes.
Steel bottles.
Shrapnel.
Projectiles.
Lap welded and seamless cylinders.
Forgings.

Headquarters:

Havemeyer Building, New York.
Conestoga Building, Pittsburgh.

Board of Directors:

Joshua Rhodes,
J. J. Vandergrift,
William B. Rhodes,
F. J. Hearne,
J. N. Vance,
John Eaton,
Francis L. Potts,
F. R. Tobey,
Jonathan Rowland,
Daniel O'Day,
A. S. Matheson,
O. C. Barber,
Henry Aird,
John Don,
Edmund C. Converse,
Horace Crosby,
Wm. Nelson Cromwell,
A. F. Luke,
W. J. Curtis,
Chas. H. Coster,
Wm. S. Eaton,
Wm. P. Hamilton,
A. H. Gillard.

Executive Officers:

Edmund C. Converse, president.
Joshua Rhodes, chairman of the board.
F. J. Hearne, first vice-president (in charge of manufacturing).
Horace Crosby, second vice-president (in charge of mercantile affairs).
Francis L. Potts, third vice-president.
A. S. Matheson, general manager (manufacturing department).
A. F. Luke, treasurer, New York.
Wm. H. Latshaw, first assistant treasurer, Pittsburgh.
Sullivan & Cromwell, general counsel.

Sales Department:

Edward Worcester, general sales agent, Conestoga Building, Pittsburgh.
Geo. S. Garritt, assistant general sales agent, Conestoga Building, Pittsburgh.

New York Territory:

Headquarters, Havemeyer Building, New York City; sales agent, Clifton Wharton, Jr. Territory: All of New England, New York, New Jersey, California, Nevada, and that part of Pennsylvania east of an imaginary line drawn through Pennsylvania directly west of Altoona, but excluding the city of Philadelphia. Boston office, 70 Federal Street, Boston; P. W. French and C. F. Velasco, sales agents.

Philadelphia Territory:

Headquarters, 267 South Fourth street, Philadelphia; sales agent, H. Cheston Vansant. The city of Philadelphia, Delaware, Maryland east of Cumberland but not including Cumberland, Virginia, North and South Carolina, Georgia, Florida and Alabama.

Pittsburgh Territory:

Headquarters, Fidelity Building, Pittsburgh; sales agent, A. M. Lally, Pennsylvania west of Altoona but not including Altoona, Maryland, Cumberland and west thereof, West Virginia, Ohio, Kentucky, Indiana and Michigan.

Chicago Territory:

Headquarters, Western Union Building, Chicago; sales agent, H. S. Raymond. Illinois north of parallel 40, Wisconsin, Minnesota, Iowa, Nebraska, North and South Dakota, Montana, Wyoming, Colorado, Utah, Idaho, Oregon and Washington.

Foreign:

Headquarters, Havemeyer Building, New York. All export business.

Niles-Bement-Pond Company.

Title:

Niles-Bement-Pond Company.

Date of Organization:

August 15, 1899.

Capital Stock Authorized:

Preferred (rate of interest, 6 per cent., cumulative) $3,000,000
Common (par, $100)..... $5,000,000

Capital Stock Issued:

Preferred, $2,000,000 (redeemable at 105 in 1911). ($1,000,000 preferred held in the treasury to retire an equal amount of Niles Tool Works preferred).
Common, $5,000,000.

Bonded Indebtedness:

None.

Dividends Declared and Dates Thereof:

Dividend of 1½ per cent. on preferred declared November 15, 1899, and February 6, 1900.

Financial Statement:

Net earnings for the first four months, to October 31..... $331,214.45

Registrar:

Colonial Trust Company, New York.

Transfer Agents:

Corporation Trust Company, New Jersey.

Properties and Plants Owned:

Niles Tool Works Company, Hamilton, Ohio.
Bement, Miles & Co., Philadelphia.
Pond Machine Tool Company, Plainfield, N. J.
Crane Shop, Mifflin street, Philadelphia.

Additions and Improvements Under Way:

Erecting shop for crane work, 50 x 300 feet, at Philadelphia.

Products:

Machine tools.
Iron and steel working machinery.
Steam hammers.
Hydraulic machinery.
Electric traveling cranes.

Productive Capacity:

Employ 3500 men.

Headquarters:

136 and 138 Liberty street, New York.

Directors:

Alexander Gordon, chairman.
Clarence S. Bement, Philadelphia.
Thomas T. Gaff, Cincinnati, Ohio.
W. S. McKinney, Pittsburgh, Pa.
A. C. Stebbins, Plainfield, N. J.
Frederick B. Miles, Philadelphia.
Gordon Shillito, Cincinnati, Ohio.
Daniel H. Holmes, Cincinnati, Ohio.
Fred W. Gordon, Philadelphia.
George T. Reiss, Hamilton, Ohio.
James K. Cullen, Hamilton, Ohio.
Charles A. Moore, New York.
E. C. Burke, Cleveland, Ohio.
Walter L. Clark, New York.
Robert C. McKinney, New York.

Executive Officers:

Robert C. McKinney, president.
James K. Cullen, Fred. B. Miles, A. C. Stebbins, Walter L. Clark, } vice-presidents.
Charles L. Cornell, treasurer.
E. M. C. Davis, secretary.

Engineers:

Frederick B. Miles.
George T. Reiss.
A. C. Stebbins.

Branch Offices:

Chicago, Western Union Building.
Pittsburgh, 918 Carnegie Building.
Boston, 65-67 Oliver street.
Philadelphia, Callowhill and Twenty-first streets.
Hamilton, Ohio.
Plainfield, N. J.
St. Louis, 615 North Fourth street.
London, England, 39 Victoria street.

Pressed Steel Car Company.

Title:

Pressed Steel Car Company.

Date of Organization:

January 12, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., non-cumulative) $12,500,000
Common (par, $100).....$12,500,000

Capital Stock Issued:

Preferred $12,500,000
Common $12,500,000

Bonded Indebtedness:

None.

Financial Statement:

The operations of the Pressed Steel Car Company for the year 1899 are summarized as follows: The total output was 9,624 cars, 127,656 bolsters and 50,926 truck frames, besides other miscellaneous parts. The orders on hand January 1 to be executed during 1900 amount to $16,596,863. These are to be completed by June 1. The earnings, &c., for the year were:

Gross earnings.....	$13,965,000
Operating expenses.....	11,728,000
Net earnings.....	$2,237,000
Deduct dividend of 7 per cent. on $12,500,000 preferred stock.....	875,000
Balance, equal to 11 per cent. on $12,500,000 common stock.....	$1,362,000
Dividend of 6 per cent. on $12,500,000 common	750,000
Surplus for working capital.....	$612,000

Dividends Declared and Dates Thereof:

Four quarterly dividends of 1¾ per cent. declared on preferred during 1899, and first quarterly of 1½ per cent. declared on common stock is payable February 9, 1900.

Registrar:

Central Trust Company, New York; Fidelity Title & Trust Company, Pittsburgh, Pa.

Transfer Agents:

Guaranty Trust Company, New York; Mercantile Trust Company, Pittsburgh, Pa.

Properties and Plants Owned:

Schoen Pressed Steel Company, Pittsburgh, Pa.
Fox Pressed Steel Equipment Company, Joliet, Ill.

Plants:

Wood's Run Plant, Allegheny, Pa.
McCandless avenue, Pittsburgh, Pa.
Joliet Plant, Joliet, Ill.
McKee's Rocks Plant, McKee's Rocks, Pa.

Additions and Improvements Under Way:

None.

Products:

Steel cars.
Steel specialties for wooden cars, such as truck frames, bolsters, stake pockets, stakes, corner bands, center plates, &c.

Headquarters:

Pittsburgh, Pa.

Directors:

C. T. Schoen, New York.
W. H. Schoen, Pittsburgh, Pa.
E. A. Schoen, Pittsburgh, Pa.
F. N. Hoffstot, Pittsburgh, Pa.
H. W. Oliver, Pittsburgh, Pa.
E. Hawley, New York.
A. M. Larkin, Jersey City, N. J.

Executive Officers:

C. T. Schoen, president.
L. W. Jones, assistant to president.
W. H. Schoen, vice-president.
W. O. Jacquette, comptroller.
A. R. Fraser, treasurer.
H. J. Gerhart, auditor.
W. C. De Armond, secretary.
E. A. Schoen, general manager.

Manager of Plants:

E. A. Schoen, Pittsburgh, Pa.

Sales Agents:

J. B. Brady, New York.
G. E. Macklin, New York.
J. T. Milner, Chicago, Ill.

The Pittsburgh Stove & Range Company.

Title:

The Pittsburgh Stove & Range Company.

Date of Organization:

September 1, 1899.

Capital Stock Authorized:

Preferred (7 per cent. cumulative).....$1,000,000
Common (par, $50).....$1,000,000

Capital Stock Issued:

Preferred $1,000,000
Common $1,000,000

Bonded Indebtedness:

None.

Dividends Declared and Dates Thereof:

1¾ per cent. on preferred stock, paid December 28, 1899.

Registrar:

Fidelity Title & Trust Company.

Transfer Agents:

Union Trust Company.

Properties and Plants Owned:

De Haven & Co., Pittsburgh, Pa.
Anschutz-Bradberry Company, Allegheny, Pa.
Walters Stove Company, Sharpsburg, Pa.
Crea, Graham & Co., Allegheny, Pa.
Bissel & Co., Pittsburgh, Pa.
A. Bradley & Co., Pittsburgh, Pa.
Baldwin & Graham, New Castle, Pa.
F. L. Voegtley & Co., Allegheny, Pa.
The Graff Company, Monongahela City, Pa.

Products:

Stoves, ranges and furnaces.

Productive Capacity:

75,000 to 80,000 stoves and ranges annually.

Headquarters:

Horne Building, corner Wood street and Liberty avenue, Pittsburgh, Pa.

Executive Officers:

Charles H. Bradley, president.
William T. Bradberry, vice-president.
John A. Roe, secretary.
John S. Graham, treasurer.

Managers of Plants:

S. R. Baldwin, Baldwin & Graham plant, New Castle, Pa.
J. D. Graff, Graff & Co., Monongahela City.
Frank Voeghtly, Anschutz-Bradberry Company, Allegheny.
I. P. Kress, De Haven & Co., Allegheny.
Wm. H. Collingwood, Bissell & Co., Allegheny.
Chas. A. Walters, Walters Stove Company, Sharpsburg, Pa.

Sales Agents:

Chas. W. Goodnough, sales manager.

Republic Iron & Steel Company.

Title:

Republic Iron & Steel Company.

Date of Organization:

May 3, 1899, under laws of New Jersey.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., cumulative) $25,000,000
Common (par, $100) $30,000,000

Capital Stock Issued:

Preferred $20,852,000
Common $27,352,000

Bonded Indebtedness:

None.

Financial Statement:

Earnings to January 1 ..... $2,714,500
Dividends on preferred stock 720,069

Balance to surplus $1,994,431

Dividends Declared and Dates Thereof:

1¾ cent. on preferred, paid October 1, 1899.
1¾ per cent. on preferred, paid January 2, 1900.

Registrar:

Chase National Bank, New York.

Transfer Agents:

City Trust Company of New York.

Properties and Plants Owned:

Andrews Bros. Company, Youngstown, Ohio, now designated as "Andrews Works."
Brown-Bonnell Iron Company, Youngstown, Ohio, now designated as "Brown-Bonnell Works."
Mahoning Valley Iron Company, Youngstown, Ohio, now designated as "Mahoning Valley Works."
Cherry Valley Iron Works, Leetonia, Ohio, (rolling mill), now designated as "Leetonia Works."
Lake Erie Iron Company, Cleveland, Ohio (rolling mill), now designated as "Cleveland Works."
Corns Iron & Steel Company, Massillon, Ohio, now designated as "Corns Works."
Toledo Rolling Mill Company, Toledo, Ohio, now designated as "Toledo Works."
Mitchell, Tranter & Co., Cincinnati, Ohio, now designated as "Mitchell-Tranter Works."
Eagle Iron & Steel Company, Ironton, Ohio, now designated as "Eagle Works."
Indiana Iron Company, Muncie, Ind., now designated as "Indiana Works."
Muncie Iron & Steel Company, Muncie, Ind., now designated as "Muncie Works."
White River Mills, Muncie, Ind., now designated as "White River Works."
Union Steel Company, Alexandria, Ind. (dismantling steel plant only), now designated as "Alexandria Works."
Marion Steel & Iron Company, Marion, Ind., now designated as "Marion Works."
Westerman-Stewart Iron Company, Marion, Ind., now designated as "Westerman Works."
Wetherald Rolling Mill, Frankton, Ind., now designated as "Wetherald Works."
Indiana Forge & Rolling Mill Company, New Albany, now designated as "New Albany Works."
Central Iron & Steel Company, Brazil, Ind., now designated as "Central Works."
Wabash Iron Company, Terre Haute, Ind., now designated as "Wabash Works."
Terre Haute Iron & Steel Company, Terre Haute, Ind., now designated as "Terre Haute Works."
Tudor Iron Works, East St. Louis, Ill., now designated as "Tudor Works."
Springfield Iron Company, Springfield, Ill., now designated as "Springfield Works."
Inland Iron & Forge Company, East Chicago, Ind., now designated as "Inland Works."
Sylvan Steel Company, Moline, Ill., now designated as "Sylvan Works."
Alabama Rolling Mill Company, Gate City, Ala., now designated as "Alabama Works."
Pioneer Mining & Mfg. Company, Birmingham, Ala.
Peoria Iron & Steel Company, Peoria, Ill., now designated as "Peoria Works."
Williams Rolling Mill Company, Muscatine, Ill., now designated as "Williams Works."
Sharon Iron Company, Sharon, Pa., now designated as "Sharon Works."

Ore and Coal Properties Owned or Controlled:

Pioneer Mining & Mfg. Company, Birmingham, Ala. (400 coke ovens).
Cambria Mining Company, Marquette Range, Lake Superior.
Lillie Mining Company, Marquette Range, Lake Superior.
Franklin Iron Mining Company, Mesaba Range, Lake Superior.
Connellsville Coke Company, Pittsburgh, Pa. (80 coke ovens).
Croton Lime Company, New Castle, Pa.

Blast Furnaces:

Sharon Iron Company, Sharon, Pa., one.
Hannah, Youngstown, Ohio, one.
Haselton, Youngstown, Ohio, one.
Thomas, Birmingham, Ala., two.

Additions and Improvements Under Way:

Transferring Union Steel Company, Bessemer plant, to Youngstown, Ohio.
Building additional blast furnace at Birmingham, Ala.
Building one additional 20-ton open hearth furnace and charging machine at Minneapolis.
Transferring Belgian 14-inch roughing and 9-inch finishing trains from Muscatine to Inland plant at East Chicago, Ind.
Additional puddle mill at Inland, partly transferred from Calumet Iron & Steel Company.

Products:

Iron ore.
Coal.
Coke.
Pig iron.
Bar iron.
Bar steel.
Plates..
Angles.
Turnbuckles.
Light rails.
Sheets, black and galvanized.
Bolts and nuts.
Spikes.
Cold Rolled Steel.
Cut nails.
Steel fence posts.
Steel whiffletrees.
Agricultural shapes.

Productive Capacity :

1,000,000 tons bar iron and steel and shapes, including plates and sheets, spikes, bolts, etc.
500,000 tons pig iron.

Headquarters :

Stock Exchange Building, Chicago, Ill.

Executive Committee :

Myron C. Wick,
G. Watson French,
S. J. Llewellyn,
R. S. Warner,
A. W. Thompson,
J. F. Taylor,
Geo. D. Wick,
Harry Rubens,
T. A. Meysenburg.

Executive Officers :

Randolph S. Warner, president, Chicago, Ill.
Geo. D. Wick, first vice-president, Chicago, Ill.
Samuel Thomas, second vice-president, Catasauqua, Pa.
Alexis W. Thompson, third vice-president, Chicago,
Geo. M. Bard, fourth vice-president, Chicago, Ill.
S. J. Llewellyn, secretary, Chicago, Ill.
John F. Taylor, treasurer, Chicago, Ill.
Harry Rubens, general counsel, Chicago, Ill.
Y. B. Haagsma, general auditor, Chicago, Ill.
H. R. Moore, traffic manager, Chicago, Ill.

Managers of Plants :

District Managers;
J. A. Campbell, Youngstown, Ohio, Valley District.
J. C. Corns, Massillon, Ohio, Northern Ohio District.
A. W. Houston, Cincinnati, Ohio, Ohio River District.
W. L. Simonton, Muncie, Ind., Gas Belt District.
W. B. Ridgely, Chicago, Ill., Chicago District.
James G. Caldwell, Minneapolis, Minn., Northwestern District.
E. C. Hanpeter, St. Louis, Mo., Southwestern District.
W. H. Hassinger, Birmingham, Ala., Southern District.

Sales Agents :

Geo. A. Baird, general sales agent, Chicago, Ill.
E. W. Parker, district sales agent, Manhattan Building, New York.
W. F. Bonnell, district sales agent, Perry Payne Building, Cleveland.
Geo. M. Kenyon, district sales agent, Arcade, St. Paul.
B. S. Adams, district sales agent, Mermod Jaccard Building, St. Louis.
W. S. Johnston, district sales agent, Ellicot Building, Buffalo, N. Y.

Purchasing Agents :

Geo. M. Bard, general purchasing agent, Chicago.

Shelby Steel Tube Company.

Title:

Shelby Steel Tube Company.

Date of Organization:

February 9, 1900, under laws of New Jersey.

Capital Stock Authorized:

Preferred (7 per cent. cumulative).....$6,000,000
Common (par, $100).....$9,000,000

Capital Stock Issued:

Preferred $5,000,000
Common $8,150,000

Properties and Plants Owned:

Shelby Steel Tube Company of Pennsylvania, including:
Pope Tube Company, Hartford, Conn.
United States Projectile Company, tube department, Brooklyn, N. Y.
Shelby Steel Tube Company of Ohio, operating Garwood Works, Garwood, N. J.; Ellwood Works, Ellwood City, Pa.; Greenville Works, Greenville, Pa.; American Weldless Tube Company, Toledo, Ohio; Brewer Tube Company, Toledo, Ohio; Shelby Works, Shelby, Ohio; Mansfield Works, Mansfield, Ohio (tube department Mansfield Machine Works); Cuyahoga Falls Works, Cuyahoga Falls (formerly United States Drawn Steel Company).
New Castle Tube Company, New Castle, Pa.
Albany Mfg. Company, Albany, Ind.

Products:

Seamless tubing.

Productive Capacity:

100,000,000 feet per annum.

Headquarters:

Cleveland, Ohio.

Directors:

W. E. Miller, Cleveland, Ohio.
Albert A. Pope, Boston, Mass.
R. L. Coleman, Chicago, Ill.
H. A. Lozier, Cleveland, Ohio.
B. J. Williams, Shelby, Ohio.
E. W. Bliss, Brooklyn, N. Y.
L. S. Hoyt, New Castle, Pa.
John L. McKinney, Titusville, Pa.
F. J. Carolan, San Francisco, Cal.
Frank O. Lowden, Chicago, Ill.
James B. Dill, East Orange, N. J.

Executive Officers:

W. E. Miller, president.
W. S. Miller, treasurer.
H. H. Cockley, secretary.

Sloss-Sheffield Steel & Iron Company.

Title:

Sloss-Sheffield Steel & Iron Company.

Date of Organization:

August 16, 1899.

Capital Stock Authorized:

Preferred (rate of interest, 7 per cent., non-cumulative) $10,000,000
Common (par, $100) $10,000,000

Capital Stock Issued:

Preferred $6,700,000
Common $7,500,000

Bonded Indebtedness:

$2,000,000 6 per cent. Sloss I. & S., $1,835,000 4½ per cent. Sloss I. & S.

Dividends Declared and Dates Thereof:

New organization commenced business December 1, 1899.

Dividend dates on preferred, 10th March, June, September and December, respectively.

Registrar:

Guaranty Trust Company of New York.

Transfer Agents:

Central Trust Company of New York.

Properties and Plants Owned:

Over 95 per cent. of stock of Sloss Iron & Steel Company, Birmingham, Ala., 4 blast furnaces, 1000 coke ovens, 30,000 acres ore lands, 21,000 acres coal lands, limestone quarry.

Two-fifths of stock of Lady Ensley Furnace, Sheffield, Ala., 1 blast furnace.

Hattie Ensley Furnace, Sheffield, Ala., 1 blast furnace.

Philadelphia Furnace, Florence, Ala., 1 furnace.

25,000 acres coal land on Southern Railway, south of Jasper.

Developed brown ore lands and limestone quarry near Russelville, Ala.

98 per cent. of stock of Lady Ensley Coal, Iron & Railroad Company, consisting of 14,000 acres coal land, 13,000 acres brown ore lands and 300 coke ovens.

Products:

Coal.
Iron ore.
Coke.
Pig iron.

Productive Capacity:

Pig iron, with all furnaces in blast, 350,000 tons.
Coal, 5000 tons per day, to be largely increased by opening new field, building coke ovens, &c.
Coke, at present 375,000 tons per annum.

Headquarters:

Birmingham, Ala.

Excutive Committee:

W. G. Oakman,
Joseph Bryan,
J. C. Maben,
Sol Haas,
R. B. Van Cortlandt.

Board of Directors:

Archer Brown, New York.
Joseph Bryan, Richmond.
W. H. Goadby, New York.
Sol Haas, Birmingham.
A. H. Larkin, New York.
J. C. Maben, New York.
Richard Mortimer, New York.
Walter G. Oakman, New York.
George Parsons, New York.
E. W. Rucker, Birmingham.
Jno. A. Rutherford, New York.
Fred. W. Scott, Richmond.
Wm. E. Strong, New York.
Moses Taylor, New York.
R. B. Van Cortlandt, New York.

Managers of Plants:

Sol Haas, president.
E. W. Rucker, vice-president.
T. H. Aldrich, general manager.
I. W. McQueen, secretary and treasurer.
E. H. Schoober, auditor.
W. G. McCune, furnace manager.

Sales Agents:

C. R. Baird & Co., Philadelphia.
H. W. Adams & Co., New York and Boston.
D. L. Cobb, Chicago.
T. A. Mack, Cincinnati.
I. R. Lehmer, Omaha.
Martin Pipe & Foundry Company, San Francisco.
Edwin Haas, Atlanta.
Wm. Jacks & Co., Glasgow, Scotland.

Purchasing Agent:

Henry Hiden, Birmingham.

Standard Sanitary Mfg. Company.

Title:

Standard Sanitary Mfg. Company.

Capital Stock Authorized:

Preferred (7 per cent. non-cumulative) $2,500,000
Common (par, $100) $2,500,000

Capital Stock Issued:

Preferred $2,000,000
Common $2,160,000

Bonded Indebtedness Authorized:

$2,500,000 6 per cent. gold debenture bonds. About $1,500,000 will be issued.

Registrar:

Union Trust Company, Pittsburgh, Pa.

Properties and Plants Owned:

Ahrens & Ott Mfg. Company, Incorporated, Louisville, Ky.
Buick & Sherwood Mfg. Company, Detroit, Mich.
Cribben & Sexton Company, Chicago, Ill.
Dawes & Myler, New Brighton, Pa.
Pennsylvania Bathtub Company, Elwood City, Pa.
Sanitary Mfg. & Enameling Company, Muncie, Ind.
Standard Mfg. Company, Pittsburgh, Pa.
Jacob J. Vollrath Mfg. Company, Sheboygan, Wis.
Victor Mfg. Company, Aliquippa, Pa.

Products:

Bathtubs.
Lavatories.
Slop sinks.
Water closets.
Enameled soil pipe fittings.
Brass goods.
Wood work.
Steel tubs.

Headquarters:

Pittsburgh, Pa.

Executive Officers:

Theo. Ahrens, Jr., president, Louisville, Ky.
Francis J. Torrence, first vice-president and chairman of Executive Committee, Pittsburgh, Pa.
Henry Cribben, second vice-president, Chicago, Ill.
J. W. Arrott, treasurer, Pittsburgh, Pa.
W. A. Myler, secretary, New Brighton, Pa.

Managers of Plants:

C. F. Arrott, Standard Mfg. Company, Pittsburgh, Pa.
E. L. Dawes, Dawes & Myler Works, New Brighton, Pa.
Theo. Ahrens, Jr., Ahrens & Ott Mfg. Co., Louisville, Ky.
David D. Buick, Buick & Sherwood Mfg. Company, Detroit, Mich.

Purchasing Agent:

W. A. Myler, Pittsburgh, Pa.

United States Cast Iron Pipe & Foundry Company.

Title:

United States Cast Iron Pipe & Foundry Company.

Capital Stock Authorized:

Preferred (7 per cent., non-cumulative)...$15,000,000
Common (Par, $100).....$15,000,000

Capital Stock Issued:

Preferred $12,500,000
Common $12,500,000

Dividends Declared and Dates Thereof:

1¾ per cent., payable December 1, 1899.

STATEMENT FOR DECEMBER 1.

Balance at credit profit and loss account November 1.....	$678,829
Add, profit for month of November.....	80,557
Total profit March 13 to December 1....	$759,386
Less Dividend paid December 1.....	218,750
Balance at credit of profit and loss December 1.....	$540,636

On hand December 1 the following finished product:

	Per ton.
31,117 tons pipe, inventoried at cost, say.....	$19.55
937 tons flange pipe, inventoried at cost, say	27.81
2,562 tons pipe fittings, inventoried at cost, say	35.71
695 tons miscellaneous castings, inventoried at cost, say.....	54.84

Also, 43,361 tons pig iron, inventoried at cost, say $14.03 per ton delivered in the company's yards.

Registrar:

Central Trust Company, New York.

Transfer Agents:

Thomas & Post, 71 Broadway, New York.

Properties and Plants Owned:

Lake Shore Foundry, Cleveland, Ohio.
McNeal Pipe & Foundry Company, Burlington, N. J.
National Foundry & Pipe Works, Limited, Scottdale, Pa.
Buffalo Cast Iron Pipe Company, Buffalo, N. Y.
Ohio Pipe Company, Columbus, Ohio.
Addyston Pipe & Steel Company, plants at Addyston, Ohio, and Newport, Ky.
Dennis Long & Co., Louisville, Ky.
American Pipe & Foundry Company, plants at Chattanooga, Tenn.; South Pittsburg, Tenn.; Bessemer, Ala.; Anniston, Ala.; Bridgeport, Ala.
Wisconsin Steel Company, West Superior, Wis.

Products:

Cast iron pipe.
Special castings.
General foundry work.

Productive Capacity:

600,000 tons annually.

General Offices:

Chicago, Ill.

Executive Committee:

A. C. Overholt,
A. F. Callahan,
C. E. Burke,
E. C. Fuller,
B. F. Haughton.

Executive Officers:

A. C. Overholt, president.
A. F. Callahan, first vice-president.
C. E. Burke, second vice-president.
B. F. Haughton, secretary and treasurer.

Managers of Plants:

C. E. Burke, general manager of plants, Chicago, Ill.
Resident Managers:
A. C. Overholt, Scottdale, Pa.
A. H. McNeal, Burlington, N. J.
Geo. J. Long, Louisville, Ky.
Geo. D. Hayes, Buffalo, N. Y.
Geo. B. Thomas, Cleveland, Ohio.
D. McLaren, Addyston, Ohio, and Newport, Ky.
Robert Kelly, West Superior, Wis.
E. C. Fuller, Columbus, Ohio.
J. W. Holmes, Anniston and Bessemer, Ala.
D. Giles, Chattanooga and South Pittsburg, Tenn., and Bridgeport, Ala.

Sales Department:

A. F. Callahan, first vice-president, Chicago, Ill.
L. R. Lemoine, Eastern sales manager, Land Title Building, Philadelphia, Pa.
E. B. Thomasson, Southern sales manager, Chattanooga, Tenn.
Clark W. Harrison, foreign sales manager (temporary address), Hotel Cecil, London, England.

Purchasing Department:

C. E. Burke, second vice-president, Chicago, Ill.

Virginia Iron, Coal & Coke Compan .

Title :

Virginia Iron, Coal & Coke Company.

Date of Organization :

January, 1899, under laws of New Jersey.

Capital Stock Authorized and Issued :

Common (par, $100).....$10,000,000

Bonded Indebtedness :

$10,000,000, first mortgage 5 per cent. 50-year gold V. I. C. C. bonds, payable March 1 and September 1.

Dividends Declared and Dates Thereof :

None.

Financial Statement :

None issued to date.

Registrar :

Chase National Bank of New York.

Transfer Agents :

Manhattan Trust Company of New York.

Properties and Plants Owned :

Watts Steel & Iron Company, Middlesboro, Ky., 2 furnaces, 7 25-ton open hearth furnaces, 32-inch blooming mill and 22-inch train.
Dora Furnace Company, Pulaski, Va., 1 furnace.
Max Meadows Iron Company, Max Meadows, Va., 1 furnace.
Radford Crane Iron Company, Radford, Va., 1 furnace.
Graham Furnace Company, Graham, Va., 1 furnace.
Salem Furnace Company, Salem, Va. (furnace dismantled).
Buena Vista Iron & Steel Company, Buena Vista, Va., 1 furnace.
Crozer Iron Company, Roanoke, Va., 2 furnaces.
Bristol Iron & Steel Company, Bristol, Va., 1 furnace.
Embreeville Iron Company, Limited, Embreeville, Tenn., 1 furnace.
Carnegie Furnace Company, Johnson City, Tenn., 1 furnace.
Foundry and machine shop at Embreeville, Tenn.
Crescent Horse Shoe & Iron Company, Max Meadows, Va., rolling mill and horse shoe factory.
2 charcoal furnaces on Cripple Creek.
Reed Island Iron Company, Reed Island, Va.
Locust Hill Mining Company, Max Meadows, Va.
Foster Falls Mining & Mfg. Company, Foster Falls, Va.
Wythe & Speedwell Iron & Mfg. Company.
Edith Mining Company.
Blue Ridge Mining Company.
Consolidated Coal Land & Mining Company.
Wheeler Mining Company.
Virginia & Tennessee Coal & Iron Company.
Tom's Creek Coal & Coke Company, Tom's Creek, Va., 500 ovens.
Wise County Coke Company.
Speedwell Coal & Coke Company.
Coeburn Coal & Coke Company.
Coeburn Colliery Company.
Kentucky Coal & Coke Company.
Jones Coal & Coke Company.
Swansea Coal & Coke Company.
Pine Run Coal & Coke Company.
Sexton Coal & Coke Company.
Lee Coal & Coke Company.
Looney Creek, Gilley, Va., 200 ovens.
Virginia & Southwestern Railway Company, 92.15 miles in operation, 39 miles under construction on Stoney Creek extension and Mountain City extension; M. D. Chapman, vice-president and general manager. Controlled stock, $1,000,000; bonds, $1,000,000 5 per cent. 50-year gold.

Additions and Improvements Under Way :

Construction of coke ovens.
Enlargement of furnaces.
Opening of mines.
Building of railroads and branches.
Foundries and machine shops.

Products :

Coal.
Coke.
Pig iron.
Steel billets.
Horseshoes.
Bars,
Castings.
Pipe (Radford Pipe Works).
Cars (mine).

Productive Capacity :

Pig iron, 500,000 tons annually.
Horseshoes, 5,000 tons annually.
Coal, 750,000 tons annually.
Bar iron, 3000 tons annually.

Headquarters :

Bristol, Tenn.-Va.

Executive Committee :

Geo. L. Carter,
M. D. Chapman,
E. R. Chapman.

Executive Officers :

G. L. Carter, president, Bristol, Tenn.-Va.
E. R. Chapman, vice-president and treasurer, New York.
M. D. Chapman, vice-president and assistant treasurer, Bristol, Va.-Tenn.
T. F. Davis, secretary, Bristol, Tenn.-Va.
Dayton H. Miller, auditor, Bristol, Tenn,-Va.

Manager of Plants :

Walter Graham, general superintendent.

Sales Agent :

W. J. Brown.

Purchasing Agent :

F. P. Harman.

Magnus Metal Company.

Title:

Magnus Metal Company.

Date of Organization:

July 18, 1899.

Capital Stock Authorized:

Preferred (par, $100; rate of interest, 8 per cent., non-cumulative).....$1,500,000
Common (par, $100).....$1,500,000

Capital Stock Issued:

Preferred $1,000,000
Common $1,000,000

Bonded Indebtedness:

None.

Properties and Plants Owned:

Brady Metal Company of New York.
Buffalo Brass Company, Buffalo, N. Y.
Fort Pitt Bronze Company, Pittsburgh, Pa.
Stiles Metal Company, New Haven, Conn.
E. Blunt Mfg. Company, Newark, N. J.

Products:

Brass car and engine castings.
Journal bearings.
Metals.

Productive Capacity:

30,000,000 pounds per annum.

Headquarters:

Buffalo, N. Y.

Directors:

Charles Miler.
J. E. French.
W. H. Silverthorne.
J. B. Brady.
N. H. Haberle.
H. H. Hewitt.
M. S. Paine.

Executive Officers:

H. H. Hewitt, president.
J. E. French, vice-president.
M. S. Paine, secretary and treasurer.

Manager of Plants:

S. H. Jones, general manager.

INDEX OF CONSTITUENT COMPANIES.

A.

Acme Mfg. Co. See American Bicycle Co.
Ætna-Standard Iron & Steel Co. See American Tin Plate Co.
Ætna-Standard Iron & Steel Co. See National Steel Co.
Ahrens & Ott Mfg. Co. See Standard Sanitary Mfg. Co.
Ahrens & Ott Mfg. Co. See Central Foundry Co.
Alabama Pipe Co. See Central Foundry Co.
Alabama Rolling Mill Co. See Republic Iron & Steel Co.
Albany Mfg. Co. See Shelby Steel Tube Co.
Allegheny Furnace Co. See American Steel & Wire Co.
Allison Mfg. Co. See National Tube Co.
American Coke Co. See American Steel & Wire Co.
American Mining Co. See American Steel & Wire Co.
American Stamping Co. See National Enameling & Stamping Co.
American Supply Co. See American Steel & Wire Co.
American Tin Plate Co., Elwood, Ind. See American Tin Plate Co.
American Tin Plate Co., Montpelier, Ind. See American Tin Plate Co.
American Tube & Iron Co. See National Tube Co.
Ames & Frost Co. See American Bicycle Co.
Andrews Bros. Co. See Republic Iron & Steel Co.
Anschutz-Bradberry Co. See Pittsburgh Stove & Range Co.
Atlanta Steel & Tin Plate Co. See American Tin Plate Co.

B.

Baldwin & Graham. See Pittsburgh Stove & Range Co.
Baltimore Tin Plate Co. See American Tin Plate Co.
Barbour Silver Co. See International Silver Co.
Barnes Cycle Co. See American Bicycle Co.
Bay City Ship Building Co. See American Ship Building Co.
Beach & Co. See Central Foundry Co.
Beaver Tin Plate Co., Lisbon, Ohio. See American Tin Plate Co.
Bell Mfg. Co. See Central Foundry Co.
Bellaire Steel Co. See National Steel Co.
Bignall Mfg. Co. See Central Foundry Co.
Bissel & Co. See Pittsburgh Stove & Range Co.
Black Mfg. Co. See American Bicycle Co.
Blairsville Rolling Mill & Tin Plate Co. See American Tin Plate Co.
Blake & Knowles Steam Pump Works. See International Steam Pump Co.
Blessing, C. A. See Central Foundry Co.
Blue Ridge Mining Co. See Virginia Iron, Coal & Coke Co.
Blunt Mfg. Co. See Magnus Metal Co.
Boyer Ore Mines. See Empire Iron & Steel Co.
Bradley, A., & Co. See Pittsburgh Stove & Range Co.
Brady Metal Co. See Magnus Metal Co.
Bristol Iron & Steel Co. See Virginia Iron, Coal & Coke Co.
Britton Rolling Mill Co. See American Tin Plate Co.
Brown-Bonnell Iron Co. See Republic Iron & Steel Co.
Buena Vista Iron & Steel Co. See Virginia Iron, Coal & Coke Co.
Buffalo Brass Co. See Magnus Metal Co.
Buffalo Car Mfg. Co. See American Car & Foundry Co.
Buffalo Cycle Mfg. Co. See American Bicycle Co.
Buhl Steel Co. See National Steel Co.
Buick & Sherwood Mfg. Co. See Standard Sanitary Mfg. Co.

C.

Cambria Mining Co. See Republic Iron & Steel Co.
Carton Furnace Co. See International Heater Co.
Cassidy & Adler. See Central Foundry Co.
Central Iron & Steel Co. See Republic Iron & Steel Co.
Cherry Valley Iron Works. See Republic Iron & Steel Co.
Chester Tube & Iron Co. See National Tube Co.
Chicago & Aurora Smelting & Refining Co. See American Smelting & Refining Co.
Chicago Ship Building Co. See American Ship Building Co.
Christy (H. A.) & Co. See American Bicycle Co.
Cincinnati Barb Wire Fence Co. See American Steel & Wire Co.
Cincinnati Rolling Mill & Tin Plate Co. See American Tin Plate Co.
Clark, Wm., Sons & Co. See American Steel Hoop Co.
Clay, Henry, Furnaces. See Empire Iron & Steel Co.
Cleveland Machine Screw Co. See American Bicycle Co.
Cleveland Rolling Mill Co. See American Steel & Wire Co.
Cleveland Ship Building Co. See American Ship Building Co.
Cliff Mines. See American Steel & Wire Co.
Clifton Iron Co. See Alabama Consolidated Coal & Iron Co.
Coeburn Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Coeburn Colliery Co. See Virginia Iron, Coal & Coke Co.
Cohoes Tube Works. See National Tube Co.
Colorado Smelting Co. See American Smelting & Refining Co.
Colton Cycle Co. See American Bicycle Co.
Columbia Iron & Steel Co. See National Steel Co.
Columbus Bicycle Co. See American Bicycle Co.
Connellsville Coke Co. See Republic Iron & Steel Co.
Consolidated Barb Wire Co. See American Steel & Wire Co.
Consolidated Coal Lands & Mining Co. See Virginia Iron, Coal & Coke Co.
Consolidated Kansas City Smelting & Refining Co. See American Smelting & Refining Co.
Continental Coke Co. See National Steel Co.
Corns Iron & Steel Co. See Republic Iron & Steel Co.
Craigsville Limestone Quarry. See Empire Iron & Steel Co.
Crane Iron Works. See Empire Iron & Steel Co.
Crawford Mfg. Co. See American Bicycle Co.
Crea, Graham & Co. See Pittsburgh Stove & Range Co.
Crescent Horse Shoe & Iron Co. See Virginia Iron, Coal & Coke Co.
Crescent Sheet & Tin Plate Co. See American Tin Plate Co.
Cribben & Sexton Co. See Standard Sanitary Mfg. Co.
Cripple Creek Furnaces. See Virginia Iron, Coal & Coke Co.
Croton Lime Co. See Republic Iron & Steel Co.
Crown Point Iron Co. See American Steel & Wire Co.
Crozer Iron Co. See Virginia Iron, Coal & Coke Co.
Cumberland Steel & Tin Plate Co. See American Tin Plate Co.

D.

Dawes & Myler. See Standard Sanitary Mfg. Co.
Deane Steam Pump Works. See International Steam Pump Co.
De Haven & Co. See Pittsburgh Stove & Range Co.

Detroit Ship Building Co. See American Ship Building Co.
Dora Furnace Co. See Virginia Iron, Coal & Coke Co.

E.

Eagle Iron & Steel Co. See Republic Iron & Steel Co.
East Lebanon Iron Co. See American Iron & Steel Mfg. Co.
Eastern Tin Ware Co. See National Enameling & Stamping Co.
Edgar Zinc Co. See American Steel & Wire Co.
Edith Mining Co. See Virginia Iron, Coal & Coke Co.
Elgin, Joliet & Eastern Railway Co. See Federal Steel Co.
Ellwood Tin Plate Co. See American Tin Plate Co.
Ensign Mfg. Co. See American Car & Foundry Co.

F.

Falcon Tin Plate & Sheet Co. See American Tin Plate Co.
Fay Mfg. Co. See American Bicycle Co.
Featherstone (A.) & Co. See American Bicycle Co.
Fort Pitt Bronze Co. See Magnus Metal Co.
Foster Falls Mining & Mfg. Co. See Virginia Iron, Coal & Coke Co.
Fox Mountain Ore Mines. See Empire Iron & Steel Co.
Fox Pressed Steel Equipment Company, Joliet, Ill. See Pressed Steel Car Co.
Franklin Iron Mining Co. See Republic Iron & Steel Co.

G.

Gadsden Furnace. See Alabama Consolidated Coal & Iron Co.
Garden City Wire & Spring Co. See American Steel & Wire Co.
Gate City Ore Property. See Alabama Consolidated Coal & Iron Co.
Geneva Cycle Co. See American Bicycle Co.
Germania Smelting Co. See American Smelting & Refining Co.
Globe Iron Works Co. See American Ship Building Co.
Globe Smelting & Refining Co. See American Smelting & Refining Co.
Gormully & Jeffery Co. See American Bicycle Co.
Graff Co., The. See Pittsburgh Stove & Range Co.
Graham Furnace Co. See Virginia Iron, Coal & Coke Co.
Great Western Tin Plate Co. See American Tin Plate Co.
Greensboro Furnace. See Empire Iron & Steel Co.

H.

Haberman Mfg. Co. See National Enameling & Stamping Co.
Hamilton & Co. See American Tin Plate Co.
Hartford Cycle Company. See American Bicycle Co.
Hart & Cooley Mfg. Co. See American Bicycle Co.
Hattie Ensley Furnace. See Sloss-Sheffield Steel & Iron Co.
Hoffman, Billings & Weller Co. See Central Foundry Co.
Holmes & Edwards Silver Co. See International Silver Co.
Howard Furnace Co. See International Heater Co.
Humphreys Mfg. Co. See Central Foundry Co.
Humbert Tin Plate Co. See American Tin Plate Co.

I.

Illinois Malleable Iron Co. See Central Foundry Co.
Illinois Steel Co. See Federal Steel Co.
Indiana Bicycle Co. See American Bicycle Co.
Indiana Car & Foundry Co. See American Car & Foundry Co.
Indiana Forge & Rolling Mill Co. See Republic Iron & Steel Co.
Indiana Iron Co. See Republic Iron & Steel Co.
Indiana Novelty Co. See American Bicycle Co.
Indianapolis Chain & Stamping Co. See American Bicycle Co.
Indiana Wire Fence Co. See American Steel & Wire Co.
Inland Iron & Forge Co. See Republic Iron & Steel Co.
Irondale Steel & Iron Co. See American Tin Plate Co.
Isabella Furnace Co. See American Steel Hoop Co.

J.

Jackson & Woodin Mfg. Co. See American Car & Foundry Co.
Johnstown Tin Plate Co. See American Tin Plate Co.
Jones Coal & Coke Co. See Virginia Iron, Coal & Coke Co.

K.

Kentucky Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Kernan Furnace Co. See International Heater Co.
Kimberly, P. L., Co. See American Steel Hoop Co.
King, Gilbert & Warner. See National Steel Co.
Kingsley Foundry Co. See Central Foundry Co.
Kieckhefer Bros. Co. See National Enameling & Stamping Co.

L.

La Belle Iron Works. See American Tin Plate Co.
Lady Ensley Coal, Iron & Railroad Co. See Sloss-Sheffield Steel & Iron Co.
Lady Ensley Furnace. See Sloss-Sheffield Steel & Iron Co.
Laidlaw Bale Tie Co. See American Steel & Wire Co.
Laidlaw-Dunn-Gordon Co. See International Steam Pump Co.
Lake Erie Iron Co. See Republic Iron & Steel Co.
Lamb Mfg. Co. See American Bicycle Co.
Laughlin Nail Co. See American Tin Plate Co.
Lebanon Iron Co. See American Iron & Steel Mfg. Co.
Lee Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Lillie Mining Co. See Republic Iron & Steel Co.
Lindsay & McCutcheon. See American Steel Hoop Co.
Locust Hill Mining Co. See Virginia Iron, Coal & Coke Co.
Lorain Steel Co. of Pennsylvania. See Federal Steel Co.
Lorain Steel Co. of Ohio. See Federal Steel Co.
Lozier, H. A. & Co. See American Bicycle Co.

M.

Macdonald, A. Y., & Morrison Co. See Central Foundry Co.
McShane, Henry, Mfg. Co. See Central Foundry Co.
Macungie Furnace. See Empire Iron & Steel Co.
Mahoning Valley Iron Co. See Republic Iron & Steel Co.
Manhattan Silver Plate Co. See International Silver Co.
Manning, Bowman & Co. See International Silver Co.
Mary Pratt Furnace. See Alabama Consolidated Coal & Iron Co.
Marion Steel & Iron Co. See Republic Iron & Steel Co.
Marshall Bros. & Co. See American Tin Plate Co.
Massamitton Ore Mines. See Empire Iron & Steel Co.
Matthai, Ingram & Co. See National Enameling & Stamping Co.
Max Meadows Iron Co. See Virginia Iron, Coal & Coke Co.
Meiselbach, A. D. See American Bicycle Co.
Meriden Britannia Co. See International Silver co.
Meriden Silver Plate Co. See International Silver Co.
Michigan Peninsular Car Co. See American Car & Foundry Co.
Midvale Foundry Co. See Central Foundry Co.
Milwaukee Dry Dock Co. See American Ship Building Co.
Milwaukee Engineering Co. See American Bicycle Co.
Milwaukee Mfg. Co. See American Bicycle Co.
Minnesota Iron Co. See Federal Steel Co.
Mitchell, Tranter & Co. See Republic Iron & Steel Co.
Missouri Car & Foundry Co. See American Car & Foundry Co.
Monarch Cycle Mfg. Co. See American Bicycle Co.

Monessen Steel Co. See American Steel Hoop Co.
Monitor Iron Works, Sing Sing, N. Y. See Central Foundry Co.
Monitor Iron Works, Newark, N. J. See Central Foundry Co.
Monongahela Tin Plate Co. See American Tin Plate Co.
Montreal Mining Co. See National Tube Co.
Morris, Tasker & Co. See National Tube Works.
Moorewood Co., The. See American Tin Plate Co.
Morton Tin Plate Co. See American Tin Plate Co.
Mott, J. L., Iron Works (Equipment). See Central Foundry Co.
Mount Hope Mineral Railroad. See Empire Iron & Steel Co.
Mount Hope Mining Co. See Empire Iron & Steel Co.
Muncie Iron & Steel Co. See Republic Iron & Steel Co.
Murray, Dougal & Co. See American Car & Foundry Co.

N

National Bolt, Nut & Rivet Works. See American Iron & Steel Mfg. Co.
National Galvanizing Co. See National Tube Co.
National Tin Plate Co., Monessen, Pa. See American Tin Plate Co.
National Tube Works Co. See National Tube Co.
National Tin Plate Co., Anderson, Ind. See American Tin Plate Co.
National Smelting & Refining Co. See American Smelting & Refining Co.
Negaunee Mines. See American Steel & Wire Co.
Neshannock Sheet & Tin Plate Co. See American Tin Plate Co.
Newburgh Wire & Nail Co. See American Steel & Wire Co.
New Castle Steel & Tin Plate Co., New Castle, Pa. See American Tin Plate Co.
New Castle Tube Co. See Shelby Steel Tube Co.
Niagara Car Wheel Co. See American Car & Foundry Co.
North Buffalo Wheel Works. See American Bicycle Co.
Norwich Silver Plate Co. See International Silver Co.
Nuttall Mfg. Co. See American Bicycle Co.

O.

Ohio Falls Car Mfg. Co. See American Car & Foundry Co.
Ohio Iron Co. See National Steel Co.
Ohio River Sheet & Tin Plate Co. See American Tin Plate Co.
Ohio Steel Co. See National Steel Co.
Ohio Tube Co. See National Tube Co.
Oil City Tube Co. See National Tube Co.
Oil Well Supply Co. See National Tube Co.
Oliver Wire Co. See American Steel & Wire Co.
Omaha & Grant Smelting & Refining Co. See American Smelting & Refining Co.
Oxford Furnace. See Empire Iron & Steel Co.
Oxford Ore Mines. See Empire Iron & Steel Co.

P.

Painter, J., & Sons Co. See American Steel Hoop Co.
Pease, J. F., Furnace Co. See International Heater Co.
Pennock Brothers. See American Car & Foundry Co.
Pennsylvania Bathtub Co. See Standard Sanitary Mfg. Co.
Pennsylvania Bolt & Nut Co. See American Iron & Steel Mfg. Co.
Pennsylvania Tube Co. See National Tube Co.
Pennsylvania Tin Plate Co., New Kensington, Pa.
Peoria Iron & Steel Co. See Republic Iron & Steel Co.
Philadelphia Furnace. See Sloss-Sheffield Steel & Iron Co.
Phœnix Foundry & Mfg. Co. See Central Foundry Co.
Pine Run Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Pioneer Mining & Mfg. Co. See Republic Iron & Steel Co.
Pittsburgh Tube Co. See National Tube Co.
Pittsburgh Tin Plate Co. See American Tin Plate Co.
Pittsburgh Wire Co. See American Steel & Wire Co.
Pomeroy Iron & Steel Co. See American Steel Hoop Co.
Pope Mfg. Co. See American Bicycle Co.
Pope Tube Co. See Shelby Steel Tube Co.
Potts Valley Ore Mines. See Empire Iron & Steel Co.
Portage Iron Co. See American Steel Hoop Co.
Portage Iron Co. See American Steel & Wire Co.
Pueblo Smelting & Refining Co. See American Smelting & Refining Co.
Puget Sound Wire Nail & Steel Co. See American Steel & Wire Co.

R.

Radford Crane Iron Co. See Virginia Iron, Coal & Coke Co.
Reed Island Iron Co. See Virginia Iron, Coal & Coke Co.
Regester, J., & Sons. See Central Foundry Co.
Reeves Iron Co. See American Tin Plate Co.
Riverside Iron Works. See National Tube Co.
Rogers & Bro. See International Silver Co.
Rogers, Wm., Mfg. Co. See International Silver Co.
Rogers Cutlery Co. See International Silver Co.
Rogers & Hamilton Silver Plate Co. See International Silver Co.
Rosena Furnace Co. See National Steel Co.
Rundle & Spence Mfg. Co. See Central Foundry Co.
Russel, Wheeler & Son. See International Heater Co.

S.

Salem Furnace Co. See Virginia Iron, Coal & Coke Co.
San Juan Smelting & Mining Co. See American Smelting & Refining Co.
Sanitary Mfg. & Enameling Co. See Standard Sanitary Mfg. Co.
Schoen Pressed Steel Co., Pittsburgh, Pa. See Pressed Steel Car Company.
Sharon Iron Co. (furnace). See National Steel Co.
Sharon Iron Co. See Republic Iron & Steel Co.
Snow Steam Pump Works. See International Steam Pump Co.
Standard Coal Co. See Alabama Consolidated Coal & Iron Co.
Standard-Connellsville Coke Co. See National Steel Co.
Standard Mfg. Co. See Standard Sanitary Mfg. Co.
Star Tin Plate Co. See American Tin Plate Co.
St. Charles Mfg. Co. See Central Foundry Co.
St. Charles Car Co. See American Car & Foundry Co.
St. Louis Stamping Co. See National Enameling & Stamping Co.
Stiles Metal Co. See Magnus Metal Co.
Swansea Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Sexton Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Shelby Cycle Mfg. Co. See American Bicycle Co.
Shenango Valley Steel Co. (tin plate plant). See American Tin Plate Co.
Shenango Valley Steel Co. (rod mill). See American Steel & Wire Co.
Shenango Valley Steel Co. (steel works and blast furnaces). See National Steel Co.
Shenandoah Furnace. See Empire Iron & Steel Co.
South West Connellsville Coke Co. See Federal Steel Co.
Speedwell Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Stearns, E. C., & Co. See American Bicycle Co.
Sterling Cycle Works. See American Bicycle Co.
Sternbergh, J. H., & Son. See American Iron & Steel Mfg. Co.
Stewart Enamel Co. See National Enameling & Stamping Co.
Swett, A. L., Iron Works. See Central Foundry Co.
Ship Owners' Dry Dock Co. See American Ship Building Co.

Smith, C. J., & Sons Co. See American Bicycle Co.
Stickney Iron Co. See American Tin Plate Co.
Springfield Iron Co. See Republic Iron & Steel Co.
Shoenberger Steel Co. See American Steel & Wire Co.
Sloss Iron & Steel Co. See Sloss-Sheffield Steel & Iron Co.
Somers Bros. See American Tin Plate Co.
Stover Bicycle Co. See American Bicycle Co.
Shuster Foundry. See Central Foundry Co.
Superior Ship Building Co. See American Ship Building Co.
Sylvan Steel Co. See Republic Iron & Steel Co.
Syracuse Cycle Co. See American Bicycle Co.
Syracuse Tube Co. See National Tube Co.

T.

Taylor, E. L., & Co. See Central Foundry Co.
Terre Haute Car & Mfg. Co. See American Car & Foundry Co.
Terre Haute Steel & Iron Co. See Republic Iron & Steel Co.
Thomas Furnace Co. See National Steel Co.
Thompson, G. L., Mfg. Co. See American Bicycle Co.
Toledo Rolling Mill Co. See Republic Iron & Steel Co.
Tom's Creek Coal & Coke Co. See Virginia Iron, Coal & Coke Co.
Topton Furnace. See Empire Iron & Steel Co.
Tudor Iron Works. See Republic Iron & Steel Co.

U.

Union Car Foundry Co. See American Car & Foundry Co.
Union Rolling Mill Co. See American Steel & Wire Co.
United Smelting & Refining Co. See American Smelting & Refining Co.
United States Iron & Tin Plate Mfg. Co. See American Tin Plate Co.
U. S. Projectile Co. (tube department). See Shelby Steel Tube Co.
Union Steel Co. See Republic Iron & Steel Co.
Union Works. See American Steel Hoop Co.

V.

Valentine Furnace. See Empire Iron & Steel Co.
Victoria Furnace. See Empire Iron & Steel Co.
Victor Mfg. Co. See Standard Sanitary Mfg. Co.
Virginia & Southwestern Railway Co. See Virginia Iron, Coal & Coke Co.
Virginia & Tennessee Coal & Iron Co. See Virginia Iron, Coal & Coke Co.
Voegtley, F. L., & Co. See Pittsburgh Stove & Range Co.
Vollrath, Jacob J., Mfg. Co. See Standard Sanitary Mfg. Co.

W.

Wabash Iron Co. See Republic Iron & Steel Co.
Wallace, Banfield & Co. See American Tin Plate Co.
Walters Stove Co. See Pittsburgh Stove & Range Co.
Washburn & Moen Mfg. Co. See American Steel & Wire Co.
Washington Steel & Tin Plate Mills. See American Tin Plate Co.
Watrous Mfg. Co. See International Silver Co.
Watts Steel & Iron Co. See Virginia Iron, Coal & Coke Co.
Wells & French Co. See American Car & Foundry Co.
Westerman-Stewart Iron Co. See Republic Iron & Steel Co.
Western Wheel Works. See American Bicycle Co.
Wetherald Rolling Mill. See Republic Iron & Steel Co.
Wheeler Mining Co. See Virginia Iron, Coal & Coke Co.
Wise County Coke Co. See Virginia Iron, Coal & Coke Co.
Wilcox Silver Plate Co. See International Silver Co.
Williams Rolling Mill Co. See Republic Iron & Steel Co.
Wilmington Foundry Co. See Central Foundry Co.
Williamsburg, Pa., limestone quarries. See American Steel & Wire Co.
White River Mills. See Republic Iron & Steel Co.
White Sewing Machine Co. See American Bicycle Co.
Worcester Wire Co. See American Steel & Wire Co.
Worthington, Henry R. See International Steam Pump Co.
Wythe & Speedwell Iron & Mfg. Co. See Virginia Iron, Coal & Coke Co.

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